



# DUBLIN

## Open City, Open Doors

Proposal to host FOSS4G 2016 presented by OSGeo



Presented By Dr. Peter Mooney,  
Maynooth University and Environmental Protection Agency Ireland  
and MCI Dublin, Professional Conference Organisers







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Dublin - Open City, Open Doors



## DUBLIN CITY

Welcome to Dublin, the capital of Ireland. Famous for its easy going charm and cultural heritage, Dublin is also the capital of The Craic (pronounce 'crack'), the art of life. Through the centuries, The Craic and an unruly artistic streak have helped shape Dublin into what it is now: A vibrant capital that moves at an easy going pace.





# 1. Foreword

Colleagues,

Dublin is ready to welcome you in 2016 – ready with open arms, and Open Doors.

Ireland is a place like no other. At the cutting edge of the global technology landscape, filled with talented young collaborators – a mythical land of saints and scholars that has exploded to become a global centre of innovation, research, and cross platform collaboration in all areas of science, technology and industry.

Modern Dublin is a welcoming place, an international city in which 90% of the world's tech community call home.

The door is a traditional symbol of the city of Dublin, harking back to our uniquely preserved Georgian architecture. The door also symbolises our famed welcome – through every Dublin door there is a welcoming face, an opportunity for collaboration and a friend waiting to be found.

When our community comes to Dublin, you will all have an opportunity to experience our Open Doors philosophy. We'll show you these doors themselves, but more importantly you will get to experience the open welcome and share in our passion for open software and geomatics.

We've also worked hard to use our networks and contacts to Open Doors that are normally reserved for a select few only. We are partnering with the Irish academic and commercial communities to offer workshops and special sessions that offer unique 'behind-the-scenes' access to ideas, expertise and infrastructure that is normally closed.

**We're using the focus that this conference will bring to add new dynamism and structure to the Irish OSGeo community – our inclusive organising committee (with the professional support of the leading global PCO, MCI) will bring new groups and individuals into the OSGeo community and will offer registration to the new Irish Chapter for all eligible delegates.**

Our outreach programme and community participation agenda will ensure that Irish children are given an opportunity to learn understanding and appreciation of the importance of Open Data and collaborative systems. The Irish government are taking their first tentative steps into the world of open data – they formally support the hosting of FOSS4G in Dublin, and we support and encourage them in their progression to Open Data.

Our legacy will be that the doors we open for FOSS4G 2016 in Dublin will remain open for the future good of the whole community, in this country and around the world. Through this conference we will advance FOSS4G and OSGeo around the globe.

We hope that this bid document captures our passion and desire to host FOSS4G in our city.

I am proud of the strong case we have made - myself and my LOC team will be proud to welcome the global OSGeo community to our city and country in 2016.

**Dr. Peter Mooney,**

Senior Research at the Geotechnologies Research Group  
at the Department of Computer Science, Maynooth University.  
Senior Research Fellow, Environmental Protection Agency Ireland





## 2. Letters of Support

School of Nursing and Human Sciences,  
Dublin City University,  
Glasnevin,  
Dublin 9,  
Ireland.



Dr. Peter Mooney,  
NUI Maynooth University,  
Maynooth,  
Co. Kildare.

18/02/15.

### **Free and Open Source Software 4 Geomatics 2016**

Dear Peter,

I'd like to write to support your bid to bring FOSS4G to Dublin in 2016. I've worked with FOSS spatial analysis and mapping for almost fifteen years, and I've used it extensively in health service applications. Together with colleagues from Health Intelligence in the Health Service Executive (the state agency which runs the Irish health services), and a local development company, I had a hand designing and building their major planning and resource monitoring tool, the Health Atlas Ireland. This is in daily use for service planning, service monitoring and audit, service delivery, and as an information tool for service staff and health services users.

If you are successful, and I really hope you will be, I think FOSS4G 2016 could really pull together the diverse people working away in this field, and support both the Irish public sector and the commercial sector in making much wider use of FOSS geographical analysis and mapping tools.

Yours sincerely,

A handwritten signature in black ink that reads 'Anthony Staines'. The signature is written in a cursive, slightly slanted style.

Anthony Staines  
Chair of Health Systems

## 2. Letters of Support



PROMOTING DUBLIN AS A WORLD  
CLASS BUSINESS DESTINATION

13<sup>th</sup> February, 2015

Dr Peter Mooney  
Geotechnologies Research,  
Department of Computer Science,  
Maynooth University,  
Maynooth, Co. Kildare  
Ireland

Dear Peter,

I am delighted to see that the bid for FOSS4G in 2016 is progressing so well. Please be assured that Dublin Convention Bureau is fully supportive of your efforts and we are here to assist in any way we can to help you deliver a successful bid.

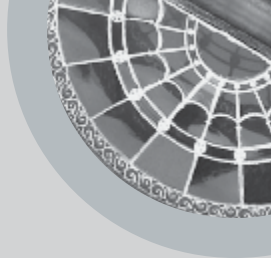
Dublin has established itself as a world class destination for conferences and I have no doubt whatsoever that our products will again deliver to the highest standards for FOSS4G, ensuring a fantastic experience for all attendees.

Please do not hesitate to contact me or any of the Bureau team should you require any assistance.

Yours sincerely

A handwritten signature in blue ink, appearing to read "S. Johnston".

Sam Johnston  
Manager - Dublin Convention Bureau



## 2. Letters of Support



Dr Peter Mooney,  
Maynooth Univeraty,  
Office 2.25,  
Geotechnologies Research,  
Department of Computer Science,  
Callan Building  
North Campus,  
Maynooth University,  
Maynooth, Co. Kildare,  
Ireland.

13<sup>th</sup> February, 2015

Dear Peter,

It is with very considerable interest that I learned of Dublin's bid to host FOSS4G in 2016. It is my great pleasure to support this bid.

I believe Dublin would be a wonderful location for this event and delegates would be welcomed with open arms. Above all, Ireland has a reputation of being a welcoming destination. We have an abundance of excellent hotels and venues with great transport links around the city to accommodate the wide variety of locations needed for this conference. There are also excellent restaurants and great evening entertainment for the delegates to enjoy and the friendliness of the city will further enhance the networking opportunities. Together with the professionalism and expertise of MCI delegates to FOSS4G would be assured of a very productive and enjoyable stay in Dublin.

Dublin has hosted many high profile technology and scientific related conferences over the past number of years, particularly since the opening of the world class convention centre – The CCD. The CCD would be the perfect location for this conference situated as it is in the centre of Dublin's "Silicon Docks" with views over the offices of many of the world's leading technology companies.

Please be assured that you and the OSGeo Foundation have our full support in attracting this conference to Dublin. I wish you every success in your bid to win this conference for Ireland and am positive that not only would their destination choice encourage increased participation – but that the delegates will be receive a true Irish welcome when they arrive.

Tourism Ireland wishes you every success in your endeavours and we really hope we will be able to provide a "Céad Mile Fáilte" – 100,000 welcomes, for which we are renowned.

It would be a privilege to welcome FOSS4G 2016. Please let me know if I can support you further.

Yours sincerely,

**Niall Gibbons FCA**  
**Chief Executive**

Tourism Ireland  
5th Floor, Bishop's Square, Redmond's Hill, Dublin 2, Ireland  
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Directors:  
Brian Ambrose OBE - Chairman  
Jim Flannery - Vice Chairman  
Clara Burke, Denis Cregan,

Howard Hastings, John Healy,  
David Lyle, Christoph Mueller,  
Eilaine Murphy, Shaun Quinn,  
Derek Reaney, David Rodway,

Registered in Ireland No.  
306070 Bishop's Square  
Redmond's Hill, Dublin 2

## 2. Letters of Support

Shaun Quinn  
Chief Executive



13<sup>th</sup> February 2015

Dr Peter Mooney  
Office 2.25, Geotechnologies Research,  
Department of Computer Science,  
Callan Building,  
North Campus,  
Maynooth University,  
Maynooth,  
Co. Kildare

### Conference: FOSS4G Dublin 2016

Dear Dr Mooney,


It is with very considerable interest that I learned of the Irelands bid to host the FOSS4G Conference in Dublin in 2016.

As you know Ireland has hosted many computer science orientated conferences with great success in the past and I am confident that this important congress can be held here with results that can satisfy all expectations.

Please be assured that you and your colleagues have our full support through the Business Tourism Section of Fáilte Ireland, the National Tourism Development Authority.

I look forward with interest to the outcome of the proposal.

Yours sincerely,

  
Shaun Quinn  
Chief Executive

An tÚdarás Náisiúnta Forbartha Turasóireachta  
88-95 Sráid Amiens  
Baile Átha Cliath 1,  
Éire

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Dublin 1,  
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Email [info@failteireland.ie](mailto:info@failteireland.ie)  
[www.failteireland.ie](http://www.failteireland.ie)





## THE CONVENTION CENTRE DUBLIN

The Convention Centre Dublin is Ireland's premier Convention Centre. Located ten minutes' walk from the city centre, the CCD is the epitome of modern design and facilities. All main FOSS4G hotels are nearby with excellent transport links to and from the airport.



## 3. Executive Summary



### **Title of the Congress**

FOSS4G 2016 presented by OSGeo

### **Local Organisers**

Our Core LOC comprises people from education, government, volunteer groups, industry and research. A full list of names can be found on page 26. We will use the FOSS4G 2016 conference as a means to build the first Irish Chapter of OSGeo.

### **Local Partners**

The Convention Centre Dublin – Ireland’s World-Class, Multi-Award Winning Venue

MCI Dublin – The Largest All-Service Conference Organising, Events, Production and Incentive Company in Ireland

### **Venue**

The Convention Centre Dublin (CCD) will be the setting for FOSS4G 2016 presented by OSGeo. Located right at the heart of the capital while remaining easily accessible, the CCD has quickly become a landmark on the Dublin cityscape.

### **Proposed Dates**

**Main Conference Dates:** Wednesday, August 17th – Friday, August 19th

#### **Saturday 13th and Sunday, 14th August**

Local community engagement, geo events for families etc.

#### **Monday, 15th August and Tuesday, 16th August**

Pre conference workshops and laboratory sessions

#### **Wednesday, 17th August**

Main Conference opening - Day 1

#### **Thursday, 18th August**

Main Conference opening - Day 2 (including Gala Dinner)

#### **Friday, 19th August**

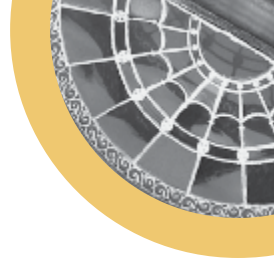
Main Conference opening - Day 3 and closing

#### **Saturday 20th August**

FOSS4G Code Sprints, additional hackathons







### Timeline of Important Dates

While we have discussed the “Important Dates” scheduling amongst the LOC and PCO we will allow ourselves a little flexibility to set these dates pending our successful award of the conference hosting. The following is an approximate guideline of where we see the important dates falling in the lead up to FOSS4G 2016.

Early Registration Opening: During 2015 FOSS4G Conference in Seoul

Abstract Opening: January 2016

Abstract Closing: March 2016

Early Registration Closing: June 2016

Online Registration Closing: Friday, 19th August, 2016

- Close Call for Workshops 23rd March
- Early Bird Sponsorship Deadline 31st March
- Decide and Broadcast Workshop Selection 31st March
- Workshop Schedule Release 9th April
- Academic Abstract Submission Deadline 24th April
- Regular Track Presentation Deadline, 24th April
- Begin Community Voting on Presentations 4th May
- Academic Track Review Decisions 15th May
- Close Community Voting on Presentations 15th May
- Preliminary Program Decisions Made & Posted 4th June



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### Additional Program Elements

While the majority of focus is on the main conference days of Wednesday 17th, Thursday 18th and Friday 19th August 2016 we have exciting plans for the days before and after FOSS4G 2016.

During the weekend before the FOSS4G 2016 conference week we are beginning the planning for a local community engagement weekend with Geodata, Open Data and Open Source software playing a key role. While we can only begin full planning for this community weekend if we are successful in our bid to host FOSS4G 2016 we are in discussions to involve groups and organisations such as CoderDojo, CodeForIreland <http://codeforireland.com/> Open Data Ireland, Science Gallery Dublin, etc to help build a community weekend of activities. Using the Saturday and Sunday slots mean that it is much more family friendly so the activities can involve children, young adults and adults.

### Finance

For a full overview of the proposed budget, please go to page 29. Exhibition and Sponsorship Income is based on previous FOSS4G conferences and on the basis of past experiences within similar industries.

Financial Overview (Based on 1000 Delegates)

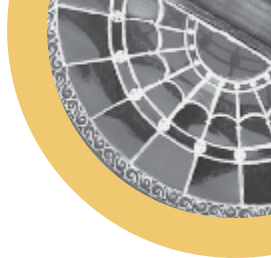
Registration Income: €235,626.00

Industry Income: €246,500

Total Income: €782,126

Total Expenses: €681,346.10

Estimated Profit for OSGeo: €100,779.89



### **Sponsorship & Exhibition**

Exhibition is proposed to take place in the Convention Centre Dublin to accommodate 10 – 15 exhibitors with potential room to grow.

### **Accommodation**

We have a wide variety of rooms on provisional hold in various hotels currently located in Dublin City Centre. The accommodation includes 1,090 room nights from 13th August to 20th August to facilitate pre and post conference extensions. Approximately 30% of the total accommodation block is in 3 star properties without including university accommodation.



## **AHEAD OF THE CURVE**

Ireland is home to many of the world's leading high-performance companies including Intel, Twitter, Pfizer, Citi, Huawei, Takeda, Fujitsu, Novartis and Trend Micro. The country is also positioning itself to become a world leader in the Internet of Things, Big Data, ICT Skills, Energy Efficiency, Health Innovation and Cloud Computing.

### **Social Programme**

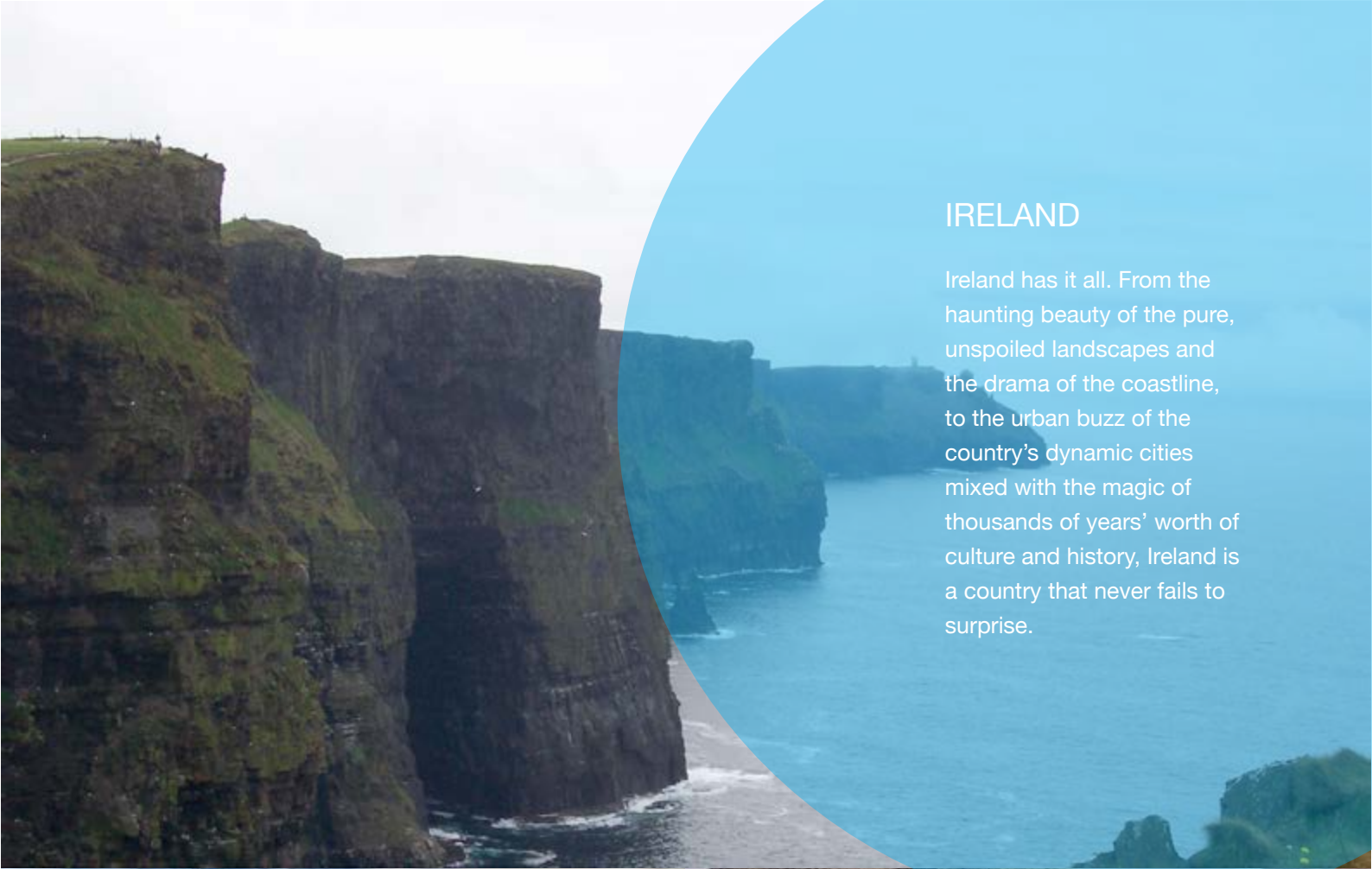
Dublin is one of the greatest cities in the world to have a party, and we intend to create an atmosphere and social programme that FOSS4G delegates will be talking for many conferences to come. Utilising venues right across the city centre, we will give visiting guests the genuine Irish experience. For an outline of the proposed social programme, please go to page 33.

### **Tours**

There will be a full range of tour options put in place for all the visiting FOSS4G delegates. We want to really immerse people into the city of Dublin and the country of Ireland. There will be options for those wishing to come before the conference or stay afterwards if they wish to turn FOSS4G into a basis for a holiday break. We will also have options throughout the conference itself if people feel they need to take a break and go into the city. For more detail on the tours that will be offered, please go to page 35.







## IRELAND

Ireland has it all. From the haunting beauty of the pure, unspoiled landscapes and the drama of the coastline, to the urban buzz of the country's dynamic cities mixed with the magic of thousands of years' worth of culture and history, Ireland is a country that never fails to surprise.



## 4. Ireland for FOSS4G 2016

### **Succeeding Financially**

As a key driver of OSGeo funding, the financial success of FOSS4G is an overriding priority for the Dublin team. By partnering with MCI, we have taken steps at the outset to ensure that professional project management and financial expertise is on hand to protect the overall financial interests of OSGeo and FOSS4G. MCI's finances team includes a number of qualified accountants who maintain oversight of financial project management.

Prudence is at the core of our approach to FOSS4G 2016. A fully costed budget has been developed and supplied separately. This budget outlines every line item of expenditure that is required to deliver the event, down to and including bottles water for speakers and how many radios will be required. Importantly, our budget includes allowances for all required insurances and full Health, Safety and Sustainability assessment of the overall project.

Our budgets are designed to deliver a financial return in excess of €100,000 for OSGeo.



**4 OF THE TOP 5**

IT Services Companies

### **Succeeding Socially**

Presentations, demonstrations, lectures and workshops are an intrinsic part of the DNA of any successful conference. However, we are placing great emphasis on creating a conference environment within which FOSS4G 2016 can be a social success.

The space in the CCD inspires connections. The beautiful spaces on all levels allow people to gather in an unstructured way: to sit or stand around, to catch-up, to introduce and swap stories. In our programme we have ensured to provide space for Birds of a Feather (BOF) presentations and sessions. One of the LOC will help manage the BOF ensuring that these sessions are facilitated.

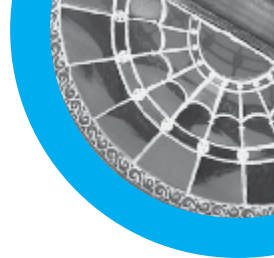
The main conference venue at the CCD has ample informal meeting space. Delegates can mix and enjoy the incredible views of Dublin city. The amble mingling space provides a wonderful setting for the hallway track: the social engagement between delegates that happen in these social areas.

We believe that using social media will be a crucial part of creating this social experience between the delegates. We would allow people, through a conference app, to network with each other, take polls, ask questions of speakers digitally and propose BOF sessions throughout the day that other delegates can vote on. We hope that this will not only allow BOF sessions to grow organically (with everyone's voices heard) but also allow people to choose the BOF sessions that suit them best. There will be a really vibrant atmosphere around the sessions and this lends it self for opportunities to network, discuss, debate and chat during the conference days and beyond.

Our social programme is particularly well suited to encouraging social interaction. Our Gala Dinner shall be held at the Guinness Storehouse which is a very unique space for this event. Rather than the traditional, conventional very formal sit down Gala dinner the Storehouse offers 5 levels with different foods and features on each. Delegates can mingle in groups, moving between levels and conversations without being constrained to sit at the same table for 2 - 3 hours. There are no top tables or specially reserved tables at this conference.

Our Pub Night on the final night of the conference provides more unstructured social space for people to meet and engage with each other. Delegates of the conference will be able to mix together between a number of pubs in Dublin city centre. We will also add in elements of social media here to allow delegates to connect with each other and 'promote' the conference to their social media followers.





### Providing Open Source Education Opportunities

We will work to encourage as many workshops as possible before the main conference. These workshops will be mixture of full day and half-day workshops providing open source education including: training and learning on open source software, the use of specific open source software tools and working with open data and services using open source software. The workshops provide delegates with an opportunity to learn directly from the developers of open source software.

We plan to build and deliver the strongest academic program to date at FOSS4G. This will encourage more academics to join the gathering at FOSS4G 2016. We are planning to compile several journal special issues as an academic outlet from the conference.

We also have our community weekend planned for the weekend before the conference and potentially (if interest permits) the following Saturday in parallel to Code Sprints. This will engage with a whole new generation of users from children, to young adults and citizens who have an interest in geographic information and free and open source software.



## EDUCATION & SKILLS

Ireland ranks first in the world for the availability of skills and fourth for the quality of its education system, according to the IMD World Competitiveness report. Ireland also has one of the best Higher Education systems in the world and is ranked 15th in IMD World Competitiveness Yearbook 2014.



### Promoting Open Source Geospatial Software to New Organisations

In many ways we feel that the real work in promoting open source geospatial software for the inclusion of new organisations in the OSGeo community will be carried out before and after the conference itself. The conference will provide a global focal point. However the work which we do before the conference in encouraging participation from new organisations from diverse thematic areas will sow the seeds of growth. We are aware of our responsibility as the guardians of the legacy of FOSS4G 2016. We will work to organise future OSGeo events in Ireland for these organisations when the global OSGeo community has returned home from Dublin in 2016. We will work with departments within universities and colleges in Ireland to consider becoming an OSGeo “Geo for All” member. <http://www.geoforall.org/>

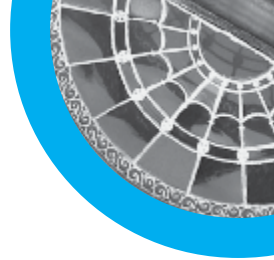
### What Success Will Look Like

Success for FOSS4G 2016 in Dublin will be having every delegate, exhibitor, workshop presenter, community day participants and the local community tell us that the conference provided them with an open, positive and inclusive culture within which they learned, engaged and enjoyed. For us success will come in a mixture of quantifiable measures and intangible measures which will be realised when the legacy of the conference is evaluated in the future.

**The largest FOSS4G conference ever:** We are setting ourselves the target of organising the largest FOSS4G conference to date.

**Conference and Workshop Materials Available:** The learning opportunities from FOSS4G do not finish when the conference closing session has concluded. In many ways it is at this point which the learning opportunities begin. We will work to make all conference and workshop materials freely and openly available as quickly as possible after the conference. We will publicise the links or access information to these materials as widely as possible. We would like to have this platform as a semi-open community whereby we would ensure that all official conference materials are published but also allowing the community to add their own content, including elements such as BOF sessions.

**Establishing at least one “Geo for all” ICA-OSGeo Lab in Ireland:** There is FOSS4G activity in every academic institution in Ireland. However there are no “Geo for all” ICA-OSGeo Lab established in Ireland. FOSS4G 2016 will provide an opportunity for labs in Ireland to appreciate the value which they could give to the FOSS4G community and for widening geospatial education opportunities and accelerating new research discoveries.



**Increased government attendance and participation:** Government organisations have identified the massive potential of using FOSS tools and services in their day-to-day operations. We will work hard to maximise government attendance and participation at FOSS4G 2016. In particular we will encourage government organisations from Ireland, Europe and beyond to come to FOSS4G 2016 and participate, tell us what FOSS4G is working for them and what they would like to see changed.

**Creating a lasting legacy of FOSS4G and OSGeo:** We understand the trust that the OSGeo community place in the hands of the organisers of the annual global FOSS4G conference. The LOC are given the responsibility of guarding, nurturing and growing the legacy and reputation of the FOSS4G conference series and the OSGeo in general.

We take this responsibility very seriously.

We will strive to leave OSGeo and FOSS4G stronger than we find it. To create this lasting legacy we want to position FOSS4G in the minds of open source community members, OSGeo members, GIS professionals, SMEs, academics and citizens. Creating this legacy does not start when we deliver the closing address at FOSS4G 2016. Legacy creation begins the moment we are awarded the honor of hosting FOSS4G 2016. Our “Open Doors” philosophy for FOSS4G 2016 encapsulates the opening of new opportunities for learning and usage of FOSS. This philosophy also includes ensuring that the wonderful doors which OSGeo has already opened in the FOSS4G global community remain opened for the future.



**1ST IN THE WORLD**

for availability of skilled labour







## SILICON DOCKS

What was once a symbol of industrial decline, Dublin's docklands has become the single most potent symbol of Ireland's economic recovery. The area was dubbed "Silicon Docks" (a reference to Silicon Valley) as it has become an extremely popular location for high-tech multinationals such as Google, Facebook, Twitter, LinkedIn and many more. The number of tech professionals working in technology firms in the area is about 7,000.





# 5. Destination Dublin

## Dublin, an Introduction

A young, thriving and thoroughly modern city, Dublin has emerged as one of Europe's fastest growing tech hubs in the last two decades. With an estimated 7,000 tech professionals working in 'Silicon Docks' (the area immediately beside the proposed conference venue) alone, FOSS4G 2016 would be taking place in a city which is now ranked in 16th place in Europe's highest rated tech hubs based on ICT business, R&D and Innovation – a superb result for one of Europe's smallest capital cities.

Dublin also ranks in the top 25 cities in the world to host conferences and events due to its meeting facilities, transport and hotel infrastructure, fabulous attractions and above all the welcoming nature of its people. FOSS4G 2016 would take place right in the heart of the city and our proposed programme – both scientific and social – will allow delegates to get out and see the city, giving them a real experience of Ireland and its people.

While Dublin has always been a forward looking city, there is of course a deep and rich history running through every street. As the birthplace of James Joyce, William Butler Yeats, George Bernard Shaw and Samuel Beckett, Dublin alone has produced three winners of the Nobel Prize for Literature – more than any other city in the world (amazingly, it was Joyce who was overlooked) and this history is reflected in the classical Georgian architecture that permeates throughout the city - these famous Georgian Doors are the inspiration for our 'Open Doors' theme for FOSS4G. Our educational institutions are also globally recognised and have become repositories of knowledge that go back to the roots of modern science and technology.

This is all wrapped up in the ability of the delegate to walk out of their hotel and explore the city with ease. You can walk across the city centre of Dublin in about 30 minutes, with the world famous Temple Bar situated right at the centre with its bustling bars, street artists, theatres, music venues and restaurants. Dublin has always ranked as one of Europe's five top city-break destinations and we want to create an experience for the FOSS4G 2016 delegates that will have them lighting up internet message boards with praise for years to come.

European ICT Tech Hubs Map: <http://is.jrc.ec.europa.eu/pages/ISG/eipe/atlas.html>



## INFRASTRUCTURE

Dublin boasts one of the densest clusters of data centres in Europe. The area surrounding Ireland's capital city already has as many as 30 large-scale data centre operations, including global operations run by Google, Microsoft and Amazon.



- 960 Foreign companies employing 138,000 workers
- 10 of the top 10 Internet Companies
- 9 of the top 10 Global Software Companies
- 8 of the top 10 technology companies
- 8 of the top 10 pharmaceutical companies
- 15 of the top 25 in medical devices
- 50% of the world's top financial firms
- Ireland receives more direct US investment than Brazil, Russia, India or China – combined.
- 10 of the world's top-selling prescription drugs are made in Ireland
- More than 24,000 people are employed by 160 medical technology companies in Ireland – and 80 of these companies are indigenous
- €6.9 billion in exports of medical devices – 2nd largest exported of medical devices in Europe
- Named as the 'Best Country in the World to do Business' by Forbes Magazine in 2013 (4th in 2014)

## Conference Venue: The Convention Centre Dublin

The Convention Centre Dublin (CCD) will be the spectacular venue for the FOSS4G 2016. This landmark building was designed by Pritzker award-winning Irish architect Kevin Roche and features a stunning glass fronted atrium running the full height of the building, giving delegates panoramic views of the River Liffey, the Dublin cityscape and the Wicklow Mountains. Located in the compact city centre, the CCD is within easy tram and walking distance of all major hotels, attractions, shopping and nightlife areas in Dublin.





## LOCAL VENUES

Three hotels – The Gibson, The Spencer and The Marker – in the immediate area will be used for break-out meetings, off-site sessions, venues for hackathons and the workshops.





### Exhibition & Sponsorship

The exhibition will take place in the Convention Centre Dublin to accommodate 10 - 15 exhibitors with potential room to grow. We believe this is an area where we can expand substantially, but want to be prudent predicting financial revenues.

Approximately 50 posters will be displayed on the foyers and atrium of the Convention Centre with great flexibility to grow poster exhibition size.



#### THE CCD AT A GLANCE

- 2,000 seat Auditorium with full theatrical stage and fly tower (Lower level Only: 1,097)
- 22 purpose-built meeting rooms, with capacity ranging from 6 - 140
- 4,500 square metres of exhibition space
- Banqueting facilities for up to 2,000 guests
- Wi-Fi capacity for up to 12,000 simultaneous devices
- Intimate boardrooms, large and small halls and meeting rooms
- Six spacious foyer areas
- Stunning views of Dublin city, bay and mountains on upper foyer levels
- Two large cargo lifts including a truck container lift
- Located beside the new 'LUAS' tram line with its own station
- Minutes from Dublin Port Ferry Terminal
- Only 20 minutes from Dublin Airport
- Within walking distance of many hotels, restaurants and attractions

### Carbon Neutral Venue

As the world's first carbon neutral convention centre, the CCD is committed to long-term environmental sustainability in accordance with the International Standards Organisation (ISO) 14001.

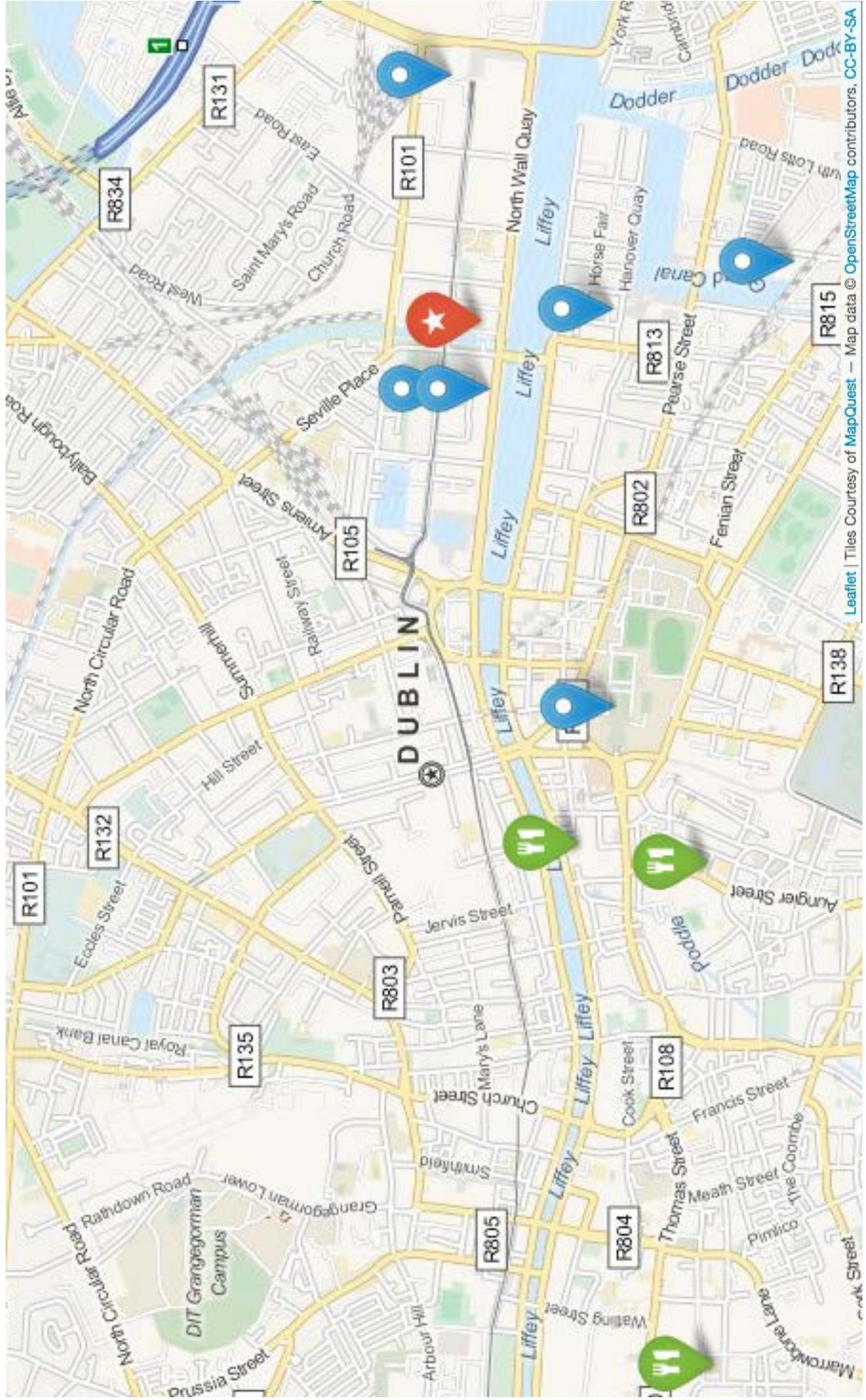
#### Convention Centre Awards

- 2014** UK Meetings and Incentive Travel (M&IT Awards), Best Overseas Conference Centre, Gold
- 2013** UK Meetings and Incentive Travel (M&IT Awards), Best Overseas Conference Centre, Gold
- 2013** UK C&IT Excellence Awards, Best Overseas Conference Venue
- 2013** Event Industry Awards, Best Conference or Hotel Venue
- 2013** Event Industry Awards, AV Technician of the Year
- 2013** Public Sector Awards, Best Conference Centre Facilities, Outright Winner
- 2012** UK Meetings and Incentive Travel (M&IT Awards), Best Overseas Conference Centre, Gold
- 2012** UK Meetings and Incentive Travel (M&IT Awards), Access Excellence, Gold
- 2012** Event Industry Awards, Best In-House Events Team
- 2012** Event Industry Awards, Best Event Venue
- 2012** Event Industry Awards, Best Conference Events Venue
- 2012** AIPC Apex Awards, World's Best Convention Centre, Runner-up
- 2011** UK Meetings and Incentive Travel (M&IT Awards), Best Overseas Conference Centre, Silver
- 2011** Event Industry Awards, Best Large Event Venue
- 2011** Trane (a brand of Ingersoll Rand), Energy Efficiency Leader Award



# Map of Main FOSS4G 2016 Venues

Please click here <http://www.petterm7.com/foss4g2016/> for the interactive map



Leaflet | Tiles Courtesy of MapQuest — Map data © OpenStreetMap contributors, CC-BY-SA

## TECHNICAL REQUIREMENTS FOR VENUE AND DUBLIN

### Conference Structure – Where in the City

Element	Where	Venue	Capacity
Workshops and community engagement events	Dublin City	Trinity College Dublin	All these venues have significant capacity to host workshops. We would look to spread the workshops around the city based on subject matter and to begin integrating the city into the programme.
		University College Dublin	
		Google Offices – ‘The Foundry’	
		IBM Offices	
		National College of Ireland	
		Science Gallery	
Main Plenary	Convention Centre Dublin	The Auditorium	Up to 2,000 seated delegates (1,000 when top-level is closed)
6 – 9 Parallel Tracks	Convention Centre Dublin (CCD) and Local Hotels	Liffey Hall 1 (CCD)	230 Theatre Style
		Liffey Hall 2 (CCD)	300 Theatre Style
		Liffey Meeting Room 1 (CCD)	78 Theatre Style
		Liffey Meeting Room 2 (CCD)	143 Theatre Style
		Liffey Meeting Room 2a (CCD)	60 Theatre Style
		Liffey Meeting Room 2b (CCD)	40 Theatre Style
		The Spencer Hotel (Columba Room)	80 Theatre Style
		The Spencer Hotel (Pegasus Suite)	110 Theatre Style
		The Spencer Hotel (Orion Suite)	110 Theatre Style
OSGeo Annual General Meeting	CCD Venue	CCD Venue	300 Theatre Style
OSGeo Sol Katz Award	CCD Venue	CCD Venue	300 Theatre Style
Birds of a Feather Sessions	CCD Venue	Atrium and Foyers of the Building	To keep with the informal style of the BOF Sessions, we would provide comfortable areas throughout the building for delegates to meet
OSGeo Directors Face-to-Face Meeting	The Marker Hotel	The White Suite	22 Boardroom Style
Code Sprint / Hackathon	The Gibson Hotel	Stratocaster Suite	Capable of accommodating up to 200 people. Lots of tables, chairs, power outlets and WiFi.





### Locations of Hotels:

The Spencer Hotel is located directly beside the CCD – approximately a 2 minute walk.

The Gibson Hotel is, at maximum, a ten minute walk from CCD and is also directly connected by a tram service. It has 100MB high speed and complimentary Wi-Fi for the code sprint/hackathon.

The Marker Hotel is a 3-4 minute walk from the Convention Centre Dublin. A 4-Star property, we would envisage accommodating the OSGeo Directors here, which would also make the Directors Meeting very convenient.

Note: The Convention Centre Dublin has the capacity to host all main meetings and preliminary meetings throughout the conference. However, we would like to spread the conference into the immediate area to retain a dynamic aspect of the event, while also allowing us greater bargaining power with the local hotels when securing accommodation blocks and rates.



- Marker Hotel: <http://osm.org/go/es~TVA42h?m=>
- Guinness Storehouse: <http://osm.org/go/es~Re4T0v?m=>
- Market Bar: [http://osm.org/go/es~R243R\\_?m=](http://osm.org/go/es~R243R_?m=)
- Temple Bar: <http://osm.org/go/es~R3urtp?m=>
- Gibson Hotel: <http://osm.org/go/es~TXUwks-?m=>
- Spencer Hotel: <http://osm.org/go/es~R-5HND?m=>

### Accommodation

Ireland has the second cheapest hotel rates in Western Europe (according to Hotels.com). A mixture between the modern and the classic, Dublin has accommodation to cater for all tastes. To date, the Local Organising Committee has secured accommodation across Dublin city centre, ensuring that all delegates will be able to find comfortable accommodation within their individual budgets and within a short distance of the Congress venue.

To ensure healthy student participation, we will also secure room blocks in Trinity College Dublin for the more budget conscious delegate. All of the hotels that have been reserved are within a 5 – 15 minute walk of the Convention Centre Dublin.

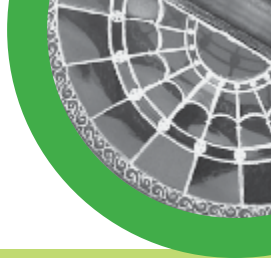
Many of the hotels are also serviced by the LUAS (tram system) and other means of public transport. Dublin operates the world’s most successful public bike scheme, making movements around the city affordable and convenient.

### Accommodation Secured to Date

We have secured accommodation across Dublin City and in all the main conference hotels located near the Convention Centre. We are currently in discussions with Universities to provide on-campus accommodation and don’t expect any issues in securing this but we have only included confirmed accommodation below.

The accommodation break-down is as follows:

Hotel Rating	Room Nights Secured	13th – 20th August	Guide Rates per Night
5 Star	145	Yes	€190 - €280
4 Star	655	Yes	€130 - €185
3 Star	290	Yes	€50 - €195
Student	Waiting Confirmation	Waiting Confirmation	Waiting Confirmation
Totals	1090		



# Local Organising Committee for FOSS4G 2016



Dr. Yassine Lassoued



Dr. Peter Mooney



Dr. Marianne Hardey



Mr. Dave Corley



Dr. Andrea Ballatore



Dr. Vyron Antoniou



Dr. Denis Parfenov



Mr. Richard Cantwell



Dr. Jennifer Hannifin



Dr. Padraig Corcoran



Mr. Dominic Byrne



Dr. Daniel McNerney



Prof. Maria Brovelli



Dr. Ozan Emem



Dr. Declan Dunne



Mr. Justin Gleeson



Dr. Marco Minghini



Dr. Tracey P. Lauriault



## 6. The Local Hosts and our Community

### The Local Organising Committee

We are a very knowledgeable, experienced and enthusiastic local organising committee (LOC) who will work with OSGeo in hosting FOSS4G 2016. Our core LOC comprises people from education, government, volunteer groups, industry and research:

**Dr. Peter Mooney:** Maynooth University and Environmental Protection Agency Ireland (Conference Chair)

**Dr. Daniel McInerney:** Irish Forestry Board

**Mr. Richard Cantwell:** Co-President IROLGI and OpenStreetMap Ireland

**Dr. Pdraig Corcoran:** University College Dublin

**Dr. Vyron Antoniou:** Hellenic Military Geographical Service

**Dr. Andrea Ballatore:** University of California, Santa Barbara

**Prof. Maria Brovelli:** Como Campus of Politecnico di Milano

**Dr. Marco Minghini:** Como Campus of Politecnico di Milano

**Dr. Declan Dunne and Dr. Yassine Lassoued:** University College Cork

**Dr. Jennifer Hannifin:** techworks.ie

**Mr. Dominic Byrne:** Fingal County Council

**Dr. Tracey P. Lauriault:** ERC Programmable Cities

**Dr. Denis Parfenov:** Open Knowledge Foundation

**Mr. Justin Gleeson:** All-Island Research Observatory Ireland (AIRO)

**Mr. Dave Corley:** OpenStreetMap Ireland

**Dr. Marianne Hardey:** University of Durham, UK

**Dr. Tracey P. Lauriault:** Researcher at National Institute for Regional and Spatial Analysis (NIRSA)

For full LOC Bio please go to page 44

Our LOC also comprises of many other people who have committed to volunteer assistance for organising FOSS4G 2016. We will use the FOSS4G 2016 conference as a platform and launchpad to create and energise the first chapter of OSGeo in Ireland.

There are a number of individuals who have expressed their interest in being involved in the LOC but who asked specifically to be excluded from the proposal bid documentation to avoid potential conflict of interest. However the LOC which I as conference chair have assembled at this point will form the core of the LOC for FOSS4G 2016.

We will reach out directly to the Bonn team to see if any of them would like to join us. We would very much welcome their involvement! We feel that while Dublin can be a great location for FOSS4G 2016 it is not specifically Dublin's conference - it is everyone's conference. In fact we will be delighted to work with any sufficiently motivated colleagues in the OSGeo community whom we can trust to work with us in the LOC and are welcome to volunteer their time, skills or services to Dublin FOSS4G 2016 regardless of their physical geographic location.

Peter Mooney, the conference chair for FOSS4G 2016, is well known for his excellent skills in engaging and networking with colleagues and associates to successfully complete projects, meet deadlines and deliver results. In Peter FOSS4G 2016 has a conference chair that colleagues and members of the OSGeo community will enjoy working with. His enthusiasm and interest in open source software and geomatics are very quickly evident.

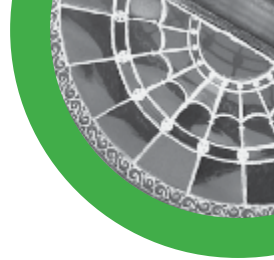
We have established a chain of succession if due to currently unforeseen circumstances Peter Mooney cannot fulfil the duties as conference chair. The chain of succession will be Daniel McInerney and Richard Cantwell.



### ICT ACTION PLAN

The Government's ICT Action Plan for high-level ICT skills is designed to double the output of honours-level graduates by 2018. Working in conjunction with industry, third-level institutions will also provide conversion courses to fast-track honours-level graduates from other disciplines into ICT.





### Supporting Local Organisations

Geospatial is big business in Ireland. In 2014 the Ordnance Survey of Ireland commissioned a study into the geospatial industry in Ireland. One of the main findings from the report is that the production of geospatial information, the provision of services which use geospatial information, and the benefits derived from its use amount to about €585m annually in Ireland. This highlights very clearly the key role which the geospatial sector plays in advancing the economic welfare of Ireland. In fact these benefits are probably far higher than this. The study focuses on the public sector in Ireland. Yet for many private sector companies (insurance companies, banks, transport companies, delivery agencies, environmental, planning, engineering and other professions, etc) geospatial information is business critical. If these usage benefits from the private sector were incorporated into the report they would no doubt lift the annual contribution significantly above the €585m outlined in the report.



IN THE TOP 20

most innovative countries in the world

We have gathered support from many of Ireland's universities and research institutes. Our support base for local organisations shall be a cross section of all those who are involved in open source and open data activities in Ireland. These include: OpenStreetMap community, Open Knowledge Foundation Ireland, Open Data Ireland, University and College research groups, national and local Government organisations and SME (Small and Medium Sized Enterprises).

Report: <http://www.osi.ie/About-Us/Ireland-GIS-Economic-Report.aspx>

### Local Open Source Development Activities

In Ireland there are very high levels of interest and enthusiasm for open source geospatial software and activities. This is evident in many ways: the Irish Open Government Data movement and project is now firmly established, there is a very strong and active OpenStreetMap community in Ireland (OSM Ireland are currently involved in a wonderful project to map all townlands in Ireland <http://www.townlands.ie/page/download/>), Open Government Partnership movements, and Open Knowledge Ireland who include people passionate about openness, and using advocacy, technology and training to unlock data to enable people to create, manage and share knowledge.

Small and Medium-size Enterprises (SME) in Ireland are using FOSS and FOSS4G as their core development technologies. One such SME is OpenApp <http://www.openapp.ie/>. OpenApp have been developing GIS systems using FOSS4G technologies since 2006 and make extensive use of PostGIS, OpenLayers, QGIS, MapServer, Mapnik R Spatial and more. Their solutions are used nationally in many critical situations such as Emergency Response for the Air Ambulance and Major Emergency, Management, in health service planning, analysis and epidemiology in Health Atlas Ireland for the Health Service Executive, sports planning and analysis for the GAA and road traffic management and analysis for the Road Safety Authority and the National Roads Authority. OpenApp are a grateful and proud supporter the open source movement worldwide and particularly the FOSS4G community.

One of the strongest sectors for interest, enthusiasm and activity in open source in Ireland is the research sector. For example in LERO (The Irish Software Engineering Research Center) leading software engineering (SE) teams from Universities and Institutes of Technology in Ireland work in a coordinated centre of research excellence with a strong industry focus. LERO has raised the level and profile of Irish software engineering research with such effect that it is now one of the best known and highly regarded SE research centres in the world. In February 2015 LERO are organising an International Inner Source workshop on the emerging paradigm of software development that aims to adopt best practices and tools from successful open source software development projects. Dr. Lorraine Morgan and others from LERO will join the FOSS4G 2016 LOC later in 2015.

The Health Atlas Ireland <https://www.healthatlasireland.ie/> is one of the largest deployments of open source software by the Irish government. The Health Atlas Ireland is in daily use for service planning, service monitoring and audit, service delivery, and as an information tool for service staff and health services users. It is used by thousands of health service staff daily and allows



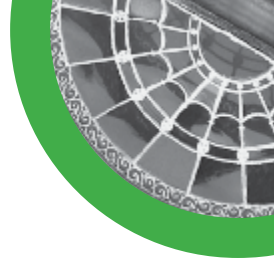


## CODERDOJO

CoderDojo Dublin host many events for young people to get involved with science and coding in particular. Dojos are for children between 8 and 18 year olds, with most being between 10 and 15. We are in advanced discussions with CoderDojo Dublin to host events for young people on FOSS4G subjects.







decision makers to see the geographical profile of the population and gives them information on how people use existing health services. The application enables controlled access to maps, data and analyses for service planning and delivery, major incident response, epidemiology and research to improve the health of patients and the population. The open source application enables role-based web access to key health related datasets that enables ad-hoc queries, area profiling, quality of care, and geo-spatial analyses and displays to inform decision makers at all levels from clinical practice to policy. The Open Source software used includes Python, PostgreSQL, PostGIS, R, MapServer, GRASS, Zope and many Javascript libraries.

In our wider region Ireland is a member of many European wide initiatives on open data and open knowledge. At present there is no OSGeo Chapter established in Ireland. Peter Mooney and Daniel McInerney are beginning planning to form an OSGeo Chapter in Ireland. Information will be populated here <http://wiki.osgeo.org/wiki/Ireland> in due course.



The Coder Dojo Foundation is delighted that FOSS4G may be coming to Ireland in 2016 – we look forward to working with the team to get the young coders of Ireland involved as much as possible

Peter O'Shea, CoderDojo



The overall synopsis of local open source activity in Ireland is that there are lots of activities and programmes but despite Ireland's small geographical size these activities suffer from a lack of coordination. This is something which could be addressed directly in the FOSS4G domain in Ireland by setting up and building a strong OSGeo Chapter in Ireland. One of our plans for FOSS4G 2016 is that the first official annual general meeting of OSGeo Chapter Ireland will be held at FOSS4G 2016 in Dublin presenting Irish delegates in particular with an excellent opportunity and setting within which to make open source development activities stronger in Ireland. On their OSGeo Wiki page the OSGeo UK chapter states that it will promote sister organisations in this region, assist with formation and growth, and collaborate in the holding of international events.

#### Partnership between LOC and OSGeo

A close working relationship between the LOC and OSGeo is very important in delivering a successful FOSS4G conference. Peter Mooney (as conference chair) will be the first and principal point of contact for OSGeo to the LOC and our PCO partners. It is still a long time until FOSS4G 2016 in August 2016. Between now (February 2015) and then (August 2016) some things will change and our conference organisation will need to be flexible enough to adapt to these changes. We will work with our OSGeo Board Liaison to adapt to new opportunities, new sponsors, changes in accommodation options, etc. In the cases of situations where we feel that the opinion of the OSGeo community is important we shall canvas that opinion via the mailing lists, IRC and social media.

There are a number of ways in which we shall ensure excellent communication and working relationships with OSGeo.

- The LOC shall join the mailing list and Internet Relay Chat (IRC) so the OSGeo committee and community can get the answers and feedback you require when you need it.
- We will assign two members of the LOC to manage and organise work and relations with OSGeo. The conference chair will be the principal point of contact. An additional member of the LOC will be selected in due course.
- The OSGeo Wiki will be used as a tool for the collaboration and communications needed to organise the FOSS4G 2016 conference.
- We shall setup a dedicated website in 2015 to advertise FOSS4G 2016
- Our PCO will work with us to ensure that the information and project management reporting which OSGeo will require will be available promptly and efficiently.
- Lead by the Conference Chair we shall be proactive in the process of communication with the OSGeo board. Soon after award of FOSS4G 2016 the conference chair will provide monthly check-ins. As time passes this will change to fortnightly and then weekly. The PCO will also be able to supply the OSGeo Conference Committee with updates as needed. The conference chair will be available by cell phone, Skype and email as needed.
- The conference chair shall assign two members of the LOC as dedicated personnel for Social Media and Wiki interaction.



## 7. The Budget

The budget for FOSS4G 2016 in Dublin can be found below. We are aiming for a profit of €100,000+ for OSGeo. We have based the budget on 1,000 delegates – a figure we believe to be very realistic. We believe our destination appeal will be a large draw for foreign delegates, with international access to Dublin by air extremely good. Our delegates will come from right across the globe, and we would expect an upturn in Northern American delegates; something that is very typical for international conferences held in Ireland.

The local ICT community is also very strong – there is an estimated 46,000 tech professionals working in the Irish ICT sector – and we would actively target this market to maximise the number of delegates. As has been mentioned in this document, the area around the Convention Centre is the tech hub of Ireland, known as ‘Silicon Docks’, which gives us a fantastic opportunity to create real excitement within the local community and maximise attendance.

Our expected levels of sponsorship are €245,000+. We believe we can raise the levels of sponsorship from previous years, although we have been conservative in our approach. Our PCOs past experience in securing sponsorship for conferences such as this in Ireland has led to this conclusions, although they also advise that our delegates are not necessarily the major buyers potential sponsors typically look for. We have already identified several local partners that will provide free facilities to run workshops and hackathons and have made preliminary contacts with potential sponsors to see how they could partner with the conference.



### THRIVING ECOSYSTEM

While Ireland has a world-renowned multinational sector, indigenous start-ups are blazing trails in areas such as Enterprise, SaaS, Social Media, E-Commerce, Mobile, Education, Financial, Health, Music and Game technology.



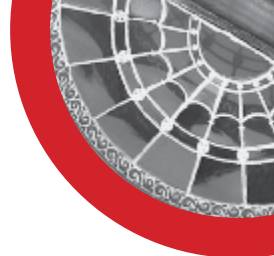
#### BUDGET ITEMS TOTAL EURO

BUDGET ITEMS	TOTAL EURO
<b>Expenses</b>	
01 - Congress Centre Rental and Infrastructure	€162,759.92
02 - Marketing and Promotion	€14,989.75
03 - Catering & Social Events	€285,790.36
04 - Miscellaneous (including budget contingency)	€251,973.38
<b>Income</b>	
01 - Registration Fees (Includes Workshops)	€535,626.00
02 - Industry	€246,500.00
<b>ITEMS BUDGET SUMMARY</b>	
TOTAL INCOME	€782,126.00
TOTAL EXPENSES (including contingency)	€ 681,346.10
FORECASTED RESULT / FINAL RESULT	€100,779.89

REGISTRATION FEES	NOTE	COST
Full Price Delegates	Early	€540.00
Full Price Delegates - Discount Level 2	Early	€465.00
Full Price Delegates - Discount Level 3	Early	€415.00
Students	Early	€290.00
Accompanying Persons	Early	€290.00
Exhibitor	Early	€290.00
Full Price Delegates	Late	€665.00
Full Price Delegates - Discount Level 2	Late	€570.00
Full Price Delegates - Discount Level 3	Late	€510.00
Students	Late	€352.00
Accompanying Persons	Late	€352.00
Exhibitor	Late	€352.00

We have created a registration structure to encourage delegates from low-income countries to register for FOSS4G, or indeed other sectors of the community that OSGeo would like to apply discounts to.

# 8. The Program



## FOSS4G 2016 Conference Day

## Program activities and event highlights

Weekend/FOSS4G 2016 local community

Community engagement: Geo activities involving local community groups such as CoderDojo, children and young adult groups etc.

Workshop Day 1

Day 1 of workshops

Workshop Day 2

Day 2 of workshops - at conclusion of this day of workshops there will be the Ice-breaker function.

Main Conference Day 1

Full conference day - opening plenary including one keynote, full program of sessions.

Main Conference Day 2

Full conference day - including one keynote, poster exhibition, OSGeo AGM, Gala Dinner.

Main Conference Day 3

Final conference day - including parallel sessions, one keynote, Sol Katz award, handover to FOSS4G 2017 team, community entertainment slot, pub night.

Post Conference Day 1

FOSS4G Code Sprints, Hackathons, other events.



Techworks.ie, a provider of oceanographic equipment and world-class solutions to monitor the marine environment, has agreed to host public outreach events. Their suggestions include getting people to send in geo-tagged photos, recorded stories or other information, of Dublin/Ireland to use as input to a group hack event to visualise, map, track changes, create tourist trails and create Dublin insider trails. As an Earth Observation company, they could provide extra information sources, like satellite images, that could be incorporated.



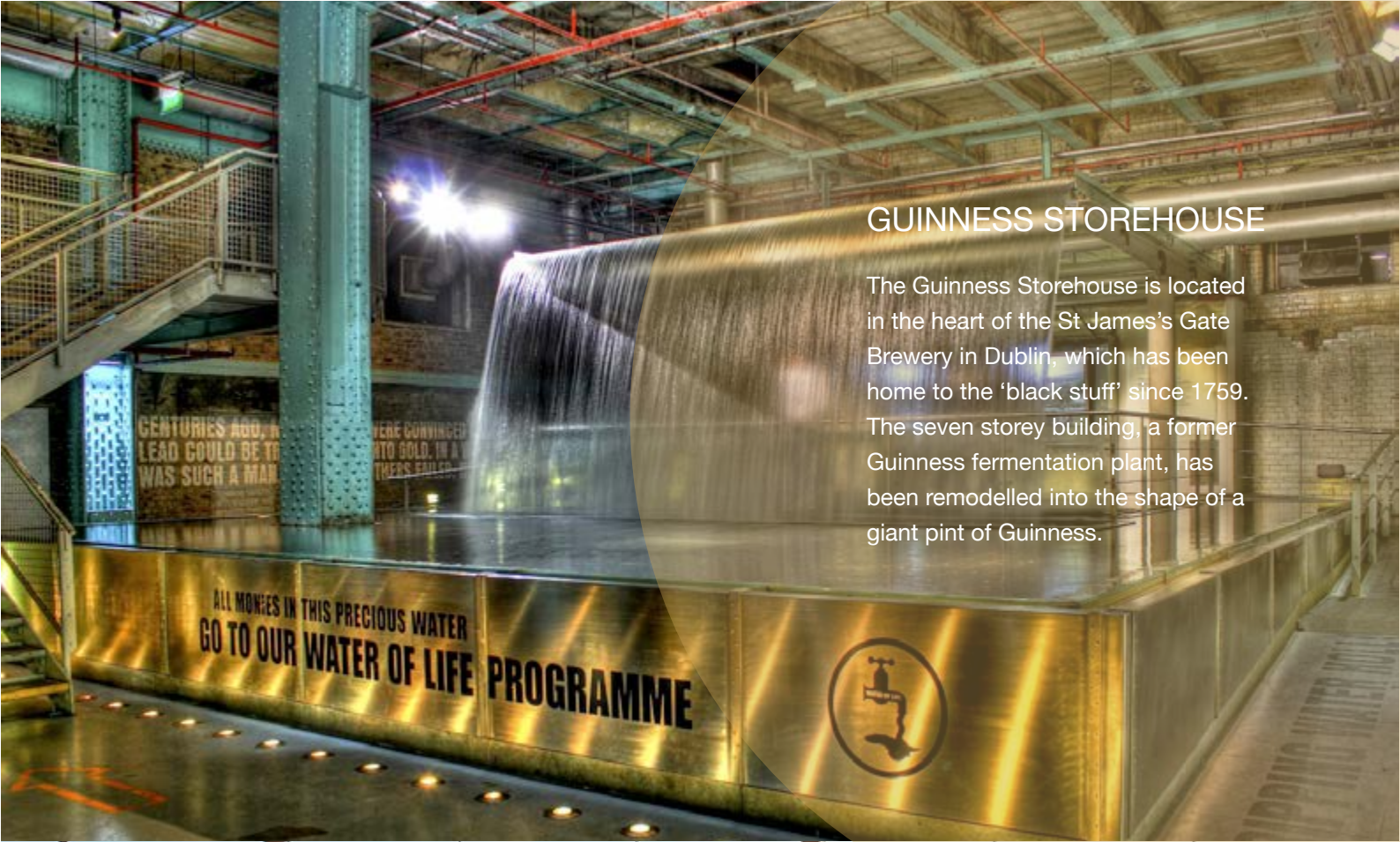
**Weekend/FOSS4G 2016 Local Community Activities:** To begin building the legacy of FOSS4G 2016 in Ireland we are planning some weekend Geo-related activities involving local community groups and organisations. We shall partner with exciting venues such as the Science Gallery <https://dublin.sciencegallery.com/> in Dublin to get the local Irish community involved with Geo-related activities: such as geotagging, Big Data visualisation games, geo data collection in the city etc. We are excited to have been given several proposals by Irish SMEs and research organisations on these activities. Scheduling them for the weekend shall make them more family friendly. The LOC and PCO will work hard to try to make these weekend activities cost neutral or very low cost through sponsorship. However the value of these events in OSGeo evangelism, community engagement and welcoming the FOSS4G community of the future is exceptional.

**Pre-Conference Workshops:** In our planning we have designed program space for up to 2 days of pre-conference workshops. As outlined earlier in this proposal we have a number of potential venues to host the pre-conference workshops. All venues offer the ability to host “bring your own device” workshops and fully configured desktop PC/ laptop computing laboratories. Pre-conference workshops will be a mixture of full day workshops and half day workshops.

There will be a call for workshops in early 2016. We shall directly contact workshop presenters from previous FOSS4G and regional FOSS4G to solicit interest in delivering an updated workshop. We will give very careful thought to the design of the workshop timetabling. It is our intention to try to optimise the timetabling of workshops to allow delegates to attend more than one workshop i.e. one full day and two half day workshops.

We have several venues engaged in discussions to host the workshops. We have the ability to host at least 8 full day workshops or up to 32 half day workshops (or a mixture of full and half day workshops) over the course of two days.



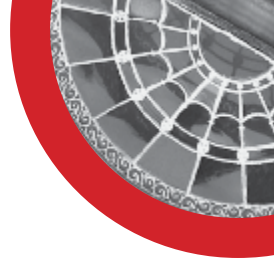


## GUINNESS STOREHOUSE

The Guinness Storehouse is located in the heart of the St James's Gate Brewery in Dublin, which has been home to the 'black stuff' since 1759. The seven storey building, a former Guinness fermentation plant, has been remodelled into the shape of a giant pint of Guinness.







### Main Conference Days

The structure of the three main conference days will follow the successful recipe of previous FOSS4G conferences.

#### Main Conference Day 1 Summary

Registration open all day, official welcomes and orientation, opening address by Conference Chair, Keynote #1 by an Irish or European speaker (emphasizing those from countries with similar OSGeo landscapes to Ireland), 3 slots of up 8 - 9 parallel sessions (each session approximately 90 minutes). Birds of a Feather (BOF) talks/sessions will be facilitated on a rolling basis over the day.

On Day 1 we shall hold the first official meeting of the new Irish OSGeo Chapter which will be formed over the course of the months preceding FOSS4G 2016.

#### Main Conference Day 2 Summary

Registration open all day, welcome for Day 2 and information/orientation for new arrivals. Keynote #2 will be given by a prominent OSGeo speaker from a developing nation in Africa or Asia. The Poster Session will be held during Day 2. As in Day 1 there will also be 3 slots of up 8 - 9 parallel sessions (each session approximately 90 minutes). The day will conclude with the OSGeo AGM. The FOSS4G Gala Dinner will take place after the OSGeo AGM. BOF will be facilitated on a rolling basis over the day.

#### Main Conference Day 3 Summary

Registration for Day 3 will be open for a few hours in the morning. Day 3 will start a little later (10:00) to allow delegates a little extra rest time following the Gala Dinner on the previous night. There will be 2 slots of up 8 - 9 parallel sessions (each session approximately 90 minutes). The afternoon will include: the Sol Katz award, the Closing Keynote (from the region which will host FOSS4G 2017), the official handover to the hosts of FOSS4G 2017 from the hosts of FOSS4G 2016. BOF will be facilitated on a rolling basis over the day until lunch time. Sponsor, exhibitor and poster exhibition will finish at lunch time.



### ICT SKILL LEVELS

This rapidly developing sector is not only benefiting from Ireland's highly skilled ICT workforce, but also from the newly developed Cloud Computing masters degrees being offered in several universities and third-level institutions throughout Ireland. These courses have been created in association with industry partners, including EMC, HP and IBM.



Our schedule and venue organisation will allow us to accept approximately 240 abstracts or presentations. Lightning talks and BOF will add to this significantly. Some presentation slots will be allocated to sponsors based on their type and level of sponsorship. As outlined above the Poster Session will officially be held during Day 2. However poster presenters can hang their posters from Day 1 onwards.

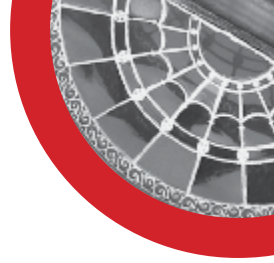
The LOC will work hard (lead by the program team) to organise the timetabling of the conference to offer flexibility to delegates in navigating their way around the many workshops, parallel sessions, BOF, lightning talks, etc. The program team will try to design and organise the timetable such that delegates can get maximum benefit out of their time at FOSS4G 2016. While the problem of interesting presentations or papers clashing during parallel sessions is well known to conference delegates and organisers alike we'll try our best.

We'll also try to match sessions to suitable rooms and venues avoiding small rooms for sessions/talks likely to be very well attended and equally avoiding very large rooms and venues for sessions/talks which may attract a smaller audience.

Our programme will have strands, sessions and workshops to attract all delegate types: from developers, to establish FOSS users, people new to FOSS and OSGeo, academics, government agencies, industry, SMEs, activists, citizen scientists and community organisations, etc. We shall work very hard to organise the programme such that delegates can easily switch between strands and sessions in the conference. Our venue(s) allows for easy access between all rooms and auditoriums

The LOC are also planning several special issue journal submissions for work presented in the academic track of the FOSS4G 2016 program. We shall also look to secure some space in trade magazines for articles on FOSS4G software and services. We will attempt to negotiate with these trade magazines as part of our sponsorship program.





## Social Events

### Ice Breaker Event: Market Bar

A superb example of Dublin's innovative new use of old space and design, The Market Bar is located in the city centre in an old Gothic style red-brick Arcade. A veritable warehouse of a space with vast ceilings and doors, on entering visitors walk through an open-air heated courtyard with tables and chairs, leading into the vast luminous warehouse that is the Market Bar. Inside the sky-lit interior the original red-brick walls are maintained, tall plants are interspersed around rustic wooden benches creating a warm and earthy effect.

Inside it is split into two levels, with a large front area and bar looked down on by a second smaller raised level, behind it. With its high ceilings and imposing look there's something of a cathedral about it, which is accentuated when the music is turned off and the banter of the after-work regulars becomes the soundtrack. There is a seated restaurant area at the back, and with The Market Bar being one of Dublin's original gastro bar and foremost tapas restaurants, food comes from an extensive Mediterranean tapas menu.



### Banquet Event: Guinness Storehouse

The Guinness Storehouse sits in the middle of Dublin, in the legendary St. James's Gate Brewery, home of Guinness since 1759. In days gone by it was a fermentation plant, but today it's been transformed into Ireland's number one international visitor attraction and world class event destination.

With seven stories of event spaces, Guinness Storehouse offers a selection of architecturally unique event spaces located on every floor, making the venue the ideal choice for an Irish evening like no other. On arrival, FOSS4G guests would be greeted by a tour guide who would bring them through the building, explaining the history of Guinness, how it is made, a tour of its famous advertising campaigns, its sporting connections, take part in a sampling, pour their own pint and experience the black stuff itself in the Gravity Bar.

We would propose to host the Banquet Event right throughout the building, allowing delegates to explore the space, taking in cityscape views from the spectacular Gravity Bar, before congregating on 'FIVE' with live entertainment.



### Pub Night: Temple Bar

Temple Bar is one of Dublin's most popular tourist areas. Packed full of pubs and clubs, it is the beating heart of the city and located close to the main conference centre. Instead of having the pub night in a single location, we would propose to host the night in a number of pubs within a short distance of each other to allow delegates to move around Temple Bar and get a genuine Dublin experience.

We would work with venues within Temple Bar to become official FOSS4G pubs, providing them with branded decals (stickers) to be placed on their windows to mark them out for delegates. If budget allows, we would provide delegates with drink vouchers to be redeemable in any of these venues. This would add to the possibility of leveraging the pubs to become sponsors of the events in order to attract customers.

We have approached the stylish Morgan Hotel in Temple Bar to host an informal gathering at the start of the evening so delegates can connect before they leave to visit the official conference pubs. Each pub would be placed on a conference app and delegates would be encouraged to check-in over social media so other FOSS4G delegates know where they can join in.

This proposal gives the added advantage of eliminating any venue hire (although we would cordon off areas where possible) or at the least reducing it significantly.



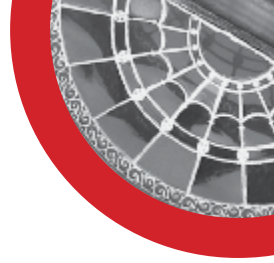


## TEMPLE BAR

Some of Dublin's best night spots, restaurants and unusual shops line these narrow, cobbled streets running between the Bank of Ireland and Christ Church Cathedral are located in the cultural quarter Temple Bar. The throbbing heart of Dublin's night life, Temple Bar is approximately 10/15 minutes' walk from the Convention Centre.







### Conference Tours

It can be pretty difficult to keep focused and concentrating on networking, workshops, presentations, coding, social networking etc for several days. Some delegates like to take a little break from the hectic pace of a FOSS4G conference by taking a tour of the surrounding area in the form of an organised event or simply just a stroll.

Ireland has some of the world's greatest cultural, culinary and historical sites. The FOSS4G Social Tours will give delegates the opportunity to get a real taste of Ireland while never having to travel far.



### Full Day Tour Options:

The 'Dublin Delights' tour will allow delegates take a stroll through a 1000 years of the capital's history, visiting the gothic style 12th Century St Patrick's Cathedral, the magnificent National Gallery of Art, the historic Dublin Castle and the world renowned Trinity College Dublin – home to some of the world's most treasured manuscripts, including the Book of Kells.

For the more immersive Irish experience, delegates can visit the Ballyknocken Farm and School of Cookery, allowing delegates to enjoy activities such as scone making, archery, clay pigeon shooting, sheep herding and hands on cookery; all ending with a delightful home cooked three course meal.

For those delegates wishing to see why Ireland is called the 'Emerald Isle', a tour to Powerscourt House and Glendalough will be available. One of the most beautiful corners of Europe and less than an hour's journey from Dublin; those taking part will witness stunning scenery, a glimpse into Ireland's religious past and enjoy lunch in the magnificent 18th Century Powerscourt House and Gardens.



### Half Day Tour Options

Dublin is full of things to do, and delegates will easily be able to make their own way around the city, taking in its delights. For those wishing for a more structured experience, a full list of tours will be arranged, whether they are one of Dublin's many famous landmarks, or slightly off the beaten track.

These will include 'Fabulous Food Trails', 'So You Think You Know Your Drink', 'Tea and Antiques at Number 10', 'Malahide Castle and Dublin Coastal Tour' and the 'Georgian Elegance' Tour.

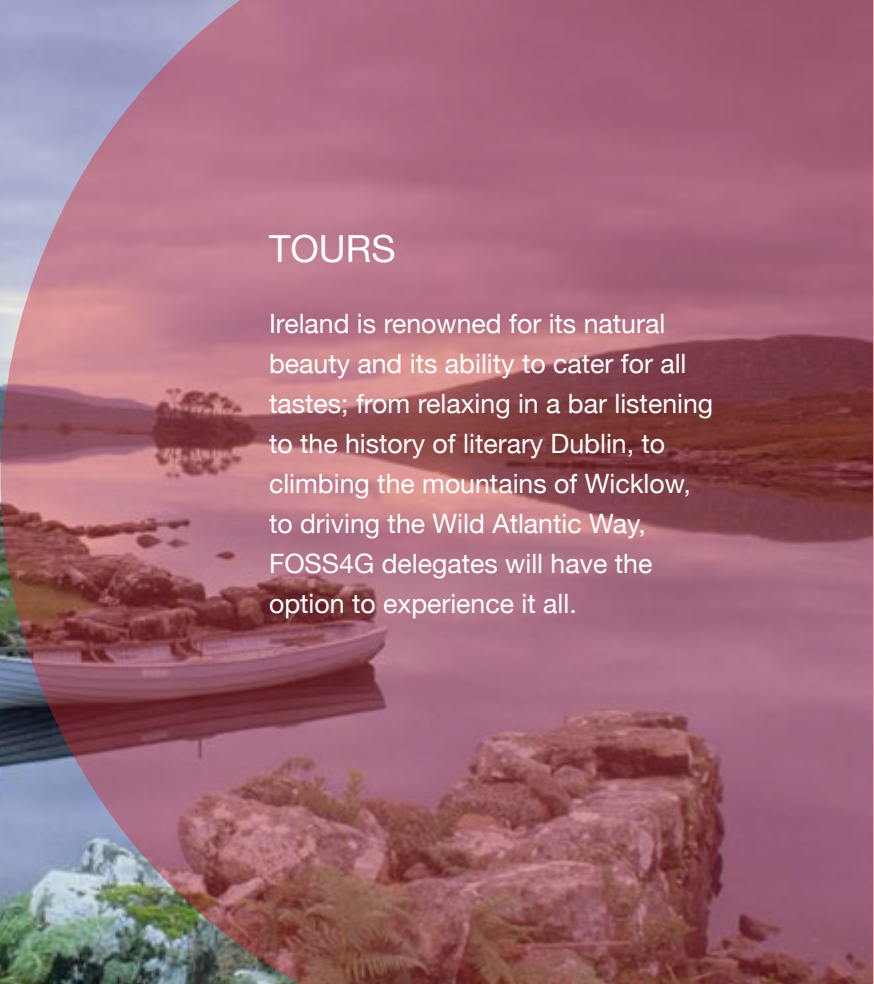


### Extended Tours

Options for delegates to visit Northern Ireland or other areas such as the Wild Atlantic Way can be provided if there is likely take-up from delegates.





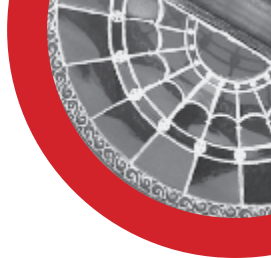


## TOURS

Ireland is renowned for its natural beauty and its ability to cater for all tastes; from relaxing in a bar listening to the history of literary Dublin, to climbing the mountains of Wicklow, to driving the Wild Atlantic Way, FOSS4G delegates will have the option to experience it all.







### Dates of the Conference

The proposed dates for FOSS4G 2016 presented by OSGeo are Wednesday, August 17th – Friday, August 19th

These dates are flexible. We have proposed the end of August rather than the beginning of September as it gives us more flexibility when working with Academic institutions in the area in terms of both organising workshops and securing student accommodation. It should be noted that 2016 is a busy year in Ireland and Dublin in particular (it is the 100th Anniversary of the Easter Rising, a key milestone in the history of Ireland) so accommodation bookings should be secured as far in advance as possible. In early September 2016, there is also a major American College Football Game taking place in the city centre of Dublin, meaning those dates would see a significant increase in the price of accommodation which would be mirrored by the drop in the availability of accommodation.



9 OF THE TOP 10

Global Software Companies

### Related Conferences

The Irish Organisation for Geographic Information (IRLOGI) <http://www.irlogi.ie/> organise and hold their annual conference in Dublin during October. We are in discussions to consider the exciting possibility of co-locating IRLOGI 2016 with FOSS4G 2016. This is an unprecedented opportunity for IRLOGI 2016 as the Irish GIS conference to be part of a truly global event on its doorstep. There would be many exciting synergies, opportunities and crossovers between the two conferences. It would also provide IRLOGI with an opportunity to engage with the OSGeo community while having the effect of increasing local GI participation from Ireland. Our PCO Partners, have carried out initial research on related conferences and have provided the following list which can be downloaded by clicking the following link: [http://ovationdmc.com/wp-content/uploads/2015/02/FOSS4G\\_related\\_events.xlsx](http://ovationdmc.com/wp-content/uploads/2015/02/FOSS4G_related_events.xlsx)





## SCIENCE GALLERY DUBLIN

Science Gallery is a world first. A new type of venue where today's white-hot scientific issues are thrashed out and the ordinary public can have their say. A place where ideas meet and opinions collide. Since opening in 2008, over 1.7 million of you have visited the Science Gallery - ranking it amongst the top ten free cultural attractions in Ireland.





## 9. Other

MCI Group is the largest professional conference organiser (PCO) in the world with 57 offices internationally. MCI Dublin is one of the leading offices within the Group, with a turnover of €11million per annum, and has won the MCI Customer Satisfaction Award in 2013 and 2014, achieving an average satisfaction rate of over 98% with our customers in that period. MCI Dublin organises hundreds of events a year globally and has a rich history of successful events in the ICT sector.

### Capability Statement

At MCI Dublin, our unique blend of local knowledge and experience is augmented by our access to the wider international MCI Group to give an unparalleled level of service and ultimately bring your vision to life.

Blending financial security, innovative use of technology, tried and trusted processes, a flair for marketing and over 25 years of experience running events in Dublin we have the passion and talent to make it happen.

The MCI Dublin team have operated from our Dun Laoghaire offices since the mid-1980s. Our team of 45 permanent staff are still led by the Founding Directors of the business. We are a fully insured, fully tax compliant and multi award winning long term business.

You can see our introductory video to MCI Dublin here (Password = MCIDublin2015):

<https://vimeo.com/mcidublin/introduction>

### Financial Security and Transparency

The FOSS4G account finances will be managed in Dublin by a Project Manager with 18 years industry experience and a team of two ACCA qualified experienced accountants. MCIs accounts and client funds handling processes and policies are audited annually by PWC.

All MCI managed projects have a fully comprehensive budget designed to take account of all individual cost line items, with total expenditure broken down for full visibility and transparency. We work on the basis of financial transparency with all our clients – you will always know how much MCI is earning.

### Insurances

<b>Public Indemnity:</b>	<b>€16,304,820 (€20 million Swiss Francs)</b>
<b>Employers Liability:</b>	<b>€13 million</b>
<b>Professional Indemnity:</b>	<b>€12,228,615 (€15 million Swiss Francs)</b>

All insurance and tax clearance certificates are available upon request. All MCI events must have cancellation and abandonment insurance to protect all parties.

### Technical Systems – Registration, Abstract and Accommodation Platforms

B-COM is MCI's 'all in one', in-house Congress management technology solution. It manages registrations, abstracts and accommodation all on the same system. Registration is easy with B-Com. Changing a booking is easy with B-Com. Booking Groups is easy with B-Com.

We don't believe in complications.

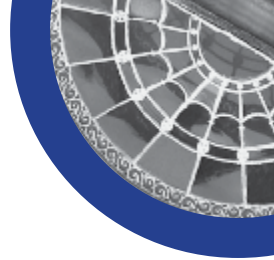
Below is how the B-Com Registration and abstract system works for a FOSS4G delegate, for you and the people behind it that make it work.



### SECTORS

Six of the top 10 companies on Forbes' list of The World's Most Innovative Companies 2014 have Irish operations. This underlines Ireland's success in attracting cutting-edge FDI investment across a range of sectors.





### **B-Com: An Introduction**

As thought leaders in our industry, continuous innovation and investment means that this versatile technology solution answers a multitude of technology needs and is flexible and scalable in its solutions. B-COM ensures the latest Congress management functionalities are always at your fingertips.

Serving over 1,500 events annually, one fully integrated on-line portal enables delegates to effectively and efficiently manage all phases of their event participation - registration, accommodation, abstract submission and social programme activities. Providing a benchmark in the Congress industry, our technology is uniquely designed to become the backbone of the event. A high-tech tool that will enable us to deliver a seamless delegate experience, manage the Congress content with ease and optimise event revenues. Supporting any language and any currency, it allows full control of the event and gives instant access to your event's performance statistics and revenues reports.

If you are looking to deliver excellence, optimise customer satisfaction and take the FOSS4G Congress to a heightened level of success, this fully integrated solution and the interdepartmental expert teams that underpin it will deliver a seamless delegate experience.

The B-Com comprehensive range of features is meant to allow the platform to be used at any stage of the project by event and community management professionals as well as event participants or community members. It is THE single central comprehensive platform before, during, after the event.

The best way to evaluate B-Com is to experience it yourself. Below is a demo B-Com site where you can go through the process as an individual FOSS4G delegate would.

B-Com Demo Link: <https://b-com.mci-group.com/Registration/DEMO2014.aspx>

**Username: demo.demo**

**Password: demo.demo**

All accommodation options would be embedded within the B-Com Registration System, helping to increase accommodation take-up in the official hotels (but would be optional for those looking to book alternative accommodation).

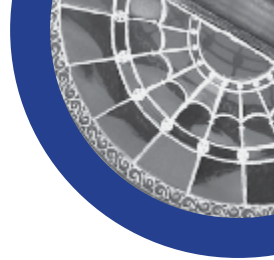
### **Translation of Key Conference Literature to other Major Languages**

As we have emphasized in this proposal document we will work to ensure that FOSS4G 2016 in Dublin is as inclusive and open as possible. We are looking forward to welcoming delegates and friends from all over the world. To ensure that our FOSS4G 2016 message is disseminated as widely as possible we will translate key conference literature into the following languages: Mandarin, Spanish, Hindi, Arabic, Portuguese, German, French and Italian. Some members of the LOC will perform this translation for several of these languages while colleagues and supporters of FOSS4G 2016 Dublin will offer voluntary translation to the remaining languages. Key Conference Literature includes: Call for Workshops, Call for Papers and Abstracts, General conference information, and registration information. The official conference language will be English. Workshops, presentations, demonstrations, etc will be delivered in English. We welcome groups gathering for Birds of a Feather, code sprints, etc in native tongues other than English.



**9 OF THE TOP 10**  
US ICT Companies





### OSGeo Conference Code of Conduct

On the OSGeo mailing lists during January and February 2015 there has been some discussions on the Conference setting up of a code of conduct for conferences. We expect that by the time we begin the process of implementing our plan to organise FOSS4G 2016 in Dublin a recommended Code of Conduct / Diversity Statement will have been approved by the OSGeo Board. The conference chair and the LOC will ensure that FOSS4G 2016 implements the recommendations of this Code of Conduct/ Diversity Statement and shall include its implementation and observation within our conference planning.



### CLOUD R&D

The Irish Centre for Cloud Computing and Commerce (IC4) is focused on developing an internationally recognised industry-led centre of excellence for innovation and applied research. An industry panel, including Intel, IBM and Microsoft, guides its activities. Cloud R&D centres have also been developed by US technology companies, including Dell, HP, IBM and EMC.

### FOSS4G 2016 Logo



When we started writing our full proposal we began thinking about what the FOSS4G 2016 might look like. We designed a few different logo versions on some different themes and ideas. The logo used here is the one which we really like from our initial graphics work. We believe that an effective logo should be simple, memorable, timeless, versatile and appropriate. Our “Open Doors” is a great first attempt at a logo. If our FOSS4G 2016 bid proposal is acceptable we shall make the “Open Doors” logo openly available to the community via GitHub so that we can involve the OSGeo community in the logo design.

We will set a closing date for updates and redesigns after which we shall choose the official logo for FOSS4G 2016.





# Welcome to FOSS4G 2016 to Dublin and Ireland

Thank you for reading our proposal and considering its merits. It has been a very enjoyable process in creating our bid and delivering this final document. We hope that this proposal demonstrates that even at this early stage a large degree of planning has already been undertaken. We are excited by the prospect of welcoming the OSGeo Conference Committee, fellow OSGeo colleagues, FOSS4G advocates, developers, designers and anyone interested in FOSS4G to Dublin in August 2016.



We shall be delighted to answer and engage with questions or comments on our proposal on the OSGeo mailing lists during the question period. As conference chair I believe (and as do my LOC) that we have all of the requirements to deliver the most successful global FOSS4G conference ever. FOSS4G 2016 in Dublin will be the most open, inclusive and interesting conference to date. Our plans outlined in this proposal document indicate how we intend to make the conference a global gathering of FOSS4G fans, developers, users, etc where there will be no strangers just geo friends which haven't met yet (to borrow a traditional Irish proverb). Our conference programme and structure in combination will carefully planned social events will allow delegates to network and meet. Dublin and Ireland shall provide a thousand welcomes to FOSS4G 2016 and then put in place a strong legacy for the future.







## ACADEMIC DUBLIN

Dublin has long been a thriving centre of education, and Ireland's population is often described as one of the best educated in Europe. Two centrepieces, Trinity College Dublin and University College Dublin, will be used for FOSS4G 2016 to connect the academic community to Open Source Development activities.



# 10. Appendices

## Local Organising Committee: Full Bios



### Dr. Peter Mooney (Conference Chair)

Peter has a PhD in Computer Science and has been working in the academic and geospatial data industry for over 12 years. He is currently a Senior Research Fellow with the Environmental Protection Agency Ireland and the Department of Computer Science at Maynooth University. These dual roles position him at the intersection of research into open data and open systems and government use of these systems. He is a lead developer and IT advisor for the National Ambient Air Quality Monitoring Programme where he develops exclusively using open source components. He has been using open source software for as long as he can remember.

Peter is recognised as a leading international expert on crowdsourcing of geographic information (VGI and Citizen Science). He plays a leading role in a number of European funded projects in this area. He has been involved in the organisation of several major international Geographic conferences in the last 5 years. Peter is a member of both the Mapping Party and Academic Program Committee for FOSS4G 2015 in Como, Italy in July. With Dr. Marco Minghin and Prof. Maria Brovelli Peter is planning to organise a two-day summer school on VGI Mapping with Open Source Tools before the FOSS4G 2015 conference in Como.

In his spare time Peter is an avid runner having completed 75 marathons in his career. He'll be only too happy to bring FOSS4G friends and delegates on morning running tours of Dublin city as a great way of starting each conference day.



### Dr. Daniel McInerney

Dr. Daniel McInerney is a forest researcher currently working for Coillte Teoranta (Irish State Forestry Board). He holds an honours degree in Forestry from UCD, an MSc in GIS and Digital Image Processing from the University of Edinburgh and a PhD in Forest Inventory and remote sensing from University College Dublin. His area of expertise and research covers forest remote sensing and inventory and Web-based spatial data infrastructures underpinned by open source geospatial tools and he has published over 20 scientific articles in the area. has worked as a post-doctoral researcher in UCD's Urban Institute Ireland, at the European Commission's Joint Research Centre in Ispra <http://forest.jrc.ec.europa.eu> and at the Laboratoire des Sciences du Climat et de l'Environnement <http://lsce.ipsl.fr> in Paris.

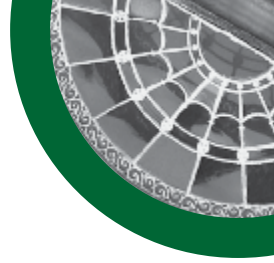
Daniel has been actively involved in GIS and remote sensing training in UCD and through the USEWOOD COST Action (FP10001). Daniel is a charter member of the OSGeo and recently co-authored a book entitled 'Open Source Geospatial Tools - Applications in Earth Observation' that was published by Springer Verlag. He is associate editor for forestry of the IEEE and NASA Earthzine.org, associate editor of the European Journal of Remote Sensing and was Guest Editor of a special issue of the IEEE Journal of Selected topics in Applied Earth Observations and Remote Sensing entitled 'Multi-Scale Forestry Applications Supported by Remote Sensing and Spatial Information Systems'.



### Richard Cantwell

Richard Cantwell is a 20 year GIS Industry veteran, with wide ranging experience across the Commercial, Environmental, Governmental and Social sectors. As the current Vice-President of IRLOGI (The Irish Organisation for Geographic Information) Richard is heavily involved with the running of GIS Ireland, the premier Irish Geo Conference which regularly attracts over 300 attendees. The conference will celebrate its 20th Year in 2015. Richard works for GAMMA, an Irish GIS Consultancy, where he specialises in Data Management and Analytics. Richard is also actively involved with both the Irish Open Data movement and the OpenStreetMap project, where he is a member of the OSM Foundation.





#### **Dr. Padraig Corcoran**

Dr. Padraig Corcoran obtained a B.Sc. and Ph.D. in Computer Science from the National University of Ireland (NUI) Maynooth in 2004 and 2008 respectively. He is currently a European Marie Curie Fellow in the School of Computer Science and Informatics at University College Dublin (UCD). Prior to this he worked as a lecturer and researcher in NUI Maynooth for a number of years, and was also a visiting scientist in the Computer Science and Artificial Intelligence Laboratory (CSAIL) at Massachusetts Institute of Technology (MIT).

Dr. Corcoran's research interests lie in the domains of geographical information and mobile mapping. He has previously obtained a number of prestigious research grants to support his work. This includes a Government of Ireland Postdoctoral Fellowship and a Marie Curie International Outgoing Fellowship. To date, Dr. Corcoran has published over 50 research articles, include 16 articles in leading research journals, on these topics. He is on the program committee for a number of international conferences including 'Web and Wireless Geographical Information Systems' and regularly acts as a peer reviewer for a number journals including the 'International Journal of Geographical Information Science'.



#### **Dominic Byrne**

Dominic Byrne is Head of Information Technology with Fingal County Council and has 23 years' experience working in IT. He holds a B.Sc. in Information Technology and M.Sc. in Information Systems.

He is responsible for managing the provision of IT services in Fingal and his current interests include Knowledge Management, Open Data, Digital Government and Civic Tech.

He is responsible for Fingal Open Data which was the first Open Government Data website in Ireland. He is also a member of the Dublinked management team and a member of the National Public Sector Working Group on Open Data. He is co-founder of Code for Ireland and is currently vice-chair of the Local Government Heads of Information Systems Group.

Dominic was designated a Dublin Digital Champion at the 2013 Lord Mayor Awards for his work on Open Data.



#### **Dr. Jenny Hannafin**

Jenny joined Techworks in 2014 as Senior Remote Sensing Scientist, responsible for a team producing earth observation and modelling data products and services for public and commercial users. She has experience in many aspects of remote sensing, from operating satellite sensors for EUMETSAT at Imperial College London, to developing a system to retrieve atmospheric humidity from the Geological Survey of Ireland network of GPS receivers for use in the Met Éireann forecast model.

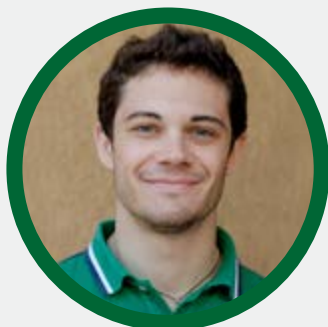
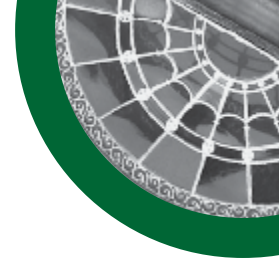
After receiving her B. Sc. in Marine Science at the National University of Ireland, Galway, she studied for a Ph. D. in Meteorology and Physical Oceanography at the Rosenstiel School of Marine and Atmospheric Science, University of Miami. Since 1996 she has been involved in numerous international oceanographic and atmospheric field campaigns and research projects in the US and in Europe and has been awarded research grants as an independent researcher.



#### **Dr. Yassine Lassoued**

Dr. Yassine Lassoued is a senior research fellow at Beaufort, Environmental Research Institute (ERI), University College Cork. He is a computer science and GIS researcher and developer. His main research interests are in the areas of interoperability of distributed geographic information systems, data integration, semantic web, and ontologies.

Yassine has actively participated in, and led, the design and development of marine-related integrated databases and information systems, using Open Source GIS software and standards.



**Dr. Marco Minghini**

Marco Minghini obtained a BSc degree with distinction in Environmental Engineering in 2008 and a MSc degree with distinction in Environmental and Geomatic Engineering in 2010, both at Politecnico di Milano. He completed his PhD in 2011-2013 with a thesis on the use of FOSS, including mobile data collection and virtual globes, for citizen science applications. Since 2014 he is a temporary research fellow at the GEO Laboratory of the Como Campus of Politecnico di Milano. Following the established tradition of this Laboratory, his current research is driven by the use of FOSS4G and is focused on geoWeb services and geoWeb applications, VGI and virtual globes.

Teaching activity on FOSS4G is one of Marco's main interests. Since 2011 he is teaching assistant at Politecnico di Milano in the "Geographic Information Systems (GIS)" course, where he has been teaching FOSS4G like QGIS, GRASS GIS, MapServer, GeoServer and OpenLayers. He has also organised and given courses on FOSS4G at national and international conferences, e.g. Latin OSGIS 2012 - First Latin American Congress of Free and Open Source GIS <http://www.fiec.espol.edu.ec/LatinOSGIS/index.php/en/>.

He is the Secretary and main organiser of FOSS4G Europe 2015 <http://europe.foss4g.org/2015>, which will be held at the Como Campus of Politecnico di Milano in July 2015.



**Dr. Declan Dunne**

Senior Academic Researcher, Beaufort, University College Cork.

Interest and experience: Data integration and GIS data delivery and visualisation. Declan graduated from University of Limerick with a B.Sc in Computer Systems (1.1 Honours) in 1998. After graduation he worked as a software engineer with Oracle in Dublin for 3 years. Declan joined the Coastal and Marine Research Centre (rebranded Beaufort) in November 2002 as a full time Geomatics researcher and part-time student. Declan graduated from University College Cork with a M.Sc. in Applied Science (Modelling and Numerical Computing) in 2006.

Over the past 12 years in Beaufort, Declan has worked on a wide range of national and EU research projects involving GIS and computer science expertise applied to marine and coastal environmental information systems. Main interests include Spatial Data Infrastructures (including INSPIRE), OGC standards, web mapping and data modelling using open source technologies. Key projects include visualisation of Irish National Seabed Survey multibeam data, Marine Irish Digital Atlas (MIDA) website middleware and database, and Spatial Data Infrastructure development in projects including FP6 InterRisk, FP6 ECOOP, FP7 NETMAR, FP7 COMMON SENSE, Griffith Geomatics for GeoScience, and ESA storm surge (eSurge).

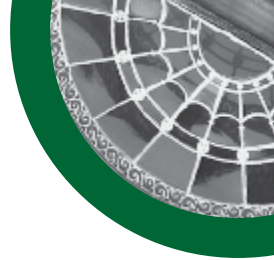


**Dr. Mariann Hardey**

Durham Business School/Institute of Advanced Research Computing

Mariann researches digital communication and interaction, specialising in particular in making possible the interdisciplinary methodologies necessary for mediations between the digital and the literary. For her, FOSS4G 2016 is an exemplary instance of digital information, archived scholarship and geo-spatial influence, sitting at the crux of cultural and digital interventions (content, technological culture, communication structures, etc.) that explore the kinds of theoretical paradigms that one might discover in such work. In her position as Co-Director for The Institute of Advanced Research Computing (iARC) Durham University, Mariann is well positioned to evaluate such new assessments and to adumbrate the ways in which FOSS4G 2016 will generate impact and stimulate discussion across digital research more broadly.





#### **Dr. Vyron (Byron) Antoniou**

Dr. Vyron (Byron) Antoniou is a Major serving in the Hellenic Military Geographical Service, where he is head of the Cartography Department. He has studied Surveying and Rural Engineering at National Technical University of Athens (NTUA, Greece) graduating first among his peers. He also holds an MSc in Geoinformation from NTUA. In 2011 he was awarded a PhD from UCL (UK) in Geomatics.

His research focused on the analysis of the phenomenon of user generated spatial content and its challenges for mapping agencies. Research was made on the quality of the data generated, the behavior of the users and the spatial dimension of the phenomenon. His research interests are in GIS, spatial databases, spatial analysis, Web mapping applications, VGI, spatial data quality, OGC specifications, ISO standards, XML technologies and Web 2.0 technologies.



#### **Dave Corley**

Currently employed in the Medical Device industry, Dave's work with OpenStreetMap is more of a hobby/passion than as a result of professional interest. Through his work with OpenStreetMap Dave has traveled as far afield as Lesotho where he spent several weeks training local govt. planners and students in all aspects of collecting and adding data to OSM. Dave is also active in the Irish Open Data and Open Government Partnership movements and has participated in a number of related events.



#### **Dr. Andrea Ballatore**

Postdoctoral researcher, Center for Spatial Studies, University of California, Santa Barbara, [aballatore@spatial.ucsb.edu](mailto:aballatore@spatial.ucsb.edu) web: <http://sites.google.com/site/andreaballatore>

Andrea Ballatore is a postdoctoral researcher and the research coordinator at the Center for Spatial Studies, University of California, Santa Barbara. In 2013, he received a PhD in Geographic Information Science from University College Dublin. He has worked as a lecturer at the Department of Computer Science at the National University of Ireland, Maynooth, and as a software engineer in Italy and Ireland. His interdisciplinary research focuses on the digital representations of place, crowdsourcing, and the technological imaginary at the intersection between computer science, geography, and media studies.



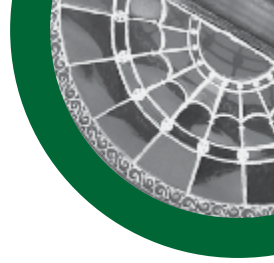
#### **Dr. Ozan Emem**

Dr. Ozan Emem is a Senior GIS Consultant at Compass Informatics since 2008. He has been working on GIS, spatial data and database technologies, data and quality related international standards since 1999 as a professional. Ozan involved in several enterprise and national projects with multidisciplinary teams for the implementation of spatially aware and location based systems using both open source and proprietary software.

Ozan is currently working with the Environmental Protection Agency, Ireland on behalf of Compass Informatics to develop and carry out enterprise projects to increase the usage and benefit of spatial data across the organisation and to make sharing data between organisations and public, easier. He is also a technical expert in different national working groups.

Prior to his current position, he worked for several companies and universities as project manager and scientific researcher, and published many scientific papers both in journals and international conferences in the field of GIS and SDIs.

During his professional career he specialized on web development, online data access, spatial web services, databases, spatial data infrastructures (SDI), and data exchanges standards. He has been using many different geo open source tools since early 2000, such as GeoServer, MapServer, deegree, GeoNetwork, Mapnik, PostgreSQL, QGIS, OpenLayers etc in production environments. Ozan received his PH.D. and M.Sc. in GIS and Remote Sensing from Yildiz Technical University, Turkey, and worked as a guest researcher at TUDelft OTB in the Netherlands during his research.



**Justin Gleeson**

Justin Gleeson is the Director of the All-Island Research Observatory (AIRO) and Technical Manager of spatial projects at the National Institute for Regional and Spatial Analysis (NIRSA). Justin has a BA and MA in Economic Geography from the National University of Ireland, Galway and an MSc in GIS from the University of Leeds. Following a number of years working in the commercial GIS industry in the UK Justin joined NIRSA as manager of spatial projects in 2006. Justin has been leading the development of the All-Island Research Observatory project for the past number of years and has secured its status as a key piece in the national data infrastructure of Ireland. Justin is also involved in a wide range of other projects with the International Centre for Local and Regional Development (ICLRD) and well as Europe wide spatial planning projects. AIRO use a wide variety of open source software and run regular workshops titled ‘Data for Decisions’ using QGIS.



**Denis Parfenov**

Denis Parfenov is a social entrepreneur, Ambassador for Ireland of the global Open Knowledge Foundation and the Founder of the Open Knowledge Ireland.

Denis is passionate about empowering citizens to make informed decisions by making information (data) available and accessible through open source technologies. He organises fora and runs hackathons and Open Data Ireland Meetups with a view to opening Ireland’s data infrastructure and influencing policy at the highest political level.

Denis is also the Founder and Director of ActiveCitizen, a grassroots, politically neutral, community initiative. The not-for-profit organisation aims to bridge the gap between citizens and their governments through open-source technology tools, communications and advocacy.

Denis initiated, planned and successfully executed a civic campaign which resulted in the Irish government’s commitment to the Open Government Partnership (OGP) [Sept. 2011- May 2013]. He has actively participated in the co-creation of the first Irish OGP National Plan which led to Ireland becoming a full member in July 2014.

He holds a Masters Degree in International Business from University College of Dublin and a Masters Degree in International Relations from Dublin City University.



**Prof. Maria Antonia Brovelli**

Degree with honors in Physics, PhD in Geodesy. Currently Professor of GIS at Politecnico di Milano. From 2006 to 2011 she lectured GIS at the ETH – Zurich. From 2001 to 2011 she was the Director of the Geomatics Laboratory of the Politecnico di Milano. Since 2011 she is Vice Rector of the Como Campus of Politecnico di Milano.

She is Charter Member of OSGeo; Member of the Advisory Board of the ICA-OSGeo Labs Network, co-chair of ISPRS WG IV/5 “Web and Cloud Based Geospatial Services and Applications” and Member of the Board of the Italian Photogrammetric and Topography Society (SIFET).

She organised in Como (Italy) in 2000 the First GRASS User Meeting and was in the Organising Committee of the First International Open Source Free Software GIS – GRASS users conference held in 2002 in Trento (Italy).



**Dr. Tracey P. Lauriault**

Dr. Tracey P. Lauriault is one of the 100 top women in the areas of science, technology, engineering and maths (STEM). In Ireland she has been actively engaged in critical data research on topics related to Open Data, Big Data, Open Government and Infrastructures. Like other members of the Programmable City Team she is doing field work in Dublin and Boston. Because her home country is Canada, that has been added. She is also a big supporter of evidence based decision making and deliberative democracy, and considers numbers, data and open and interoperable infrastructures as being part of that process.