

# FOSS4G Boston 2017 Full Schedule

(Last updated 8/09/2017)

| Exhibit Hall |                   | Wednesday  |  |   |  |   |  |   |  |  |  |  |                 |
|--------------|-------------------|--|--|---|--|---|--|---|--|--|--|--|-----------------|
| 7:30 AM      |                   | Registration Open / Breakfast  |  |   |  |   |  |   |  |  |  |  |                 |
| 8:00 AM      |                   | PG Day   |  |   |  |   |  |   |  |  |  |  |                 |
| Theme        |                   | Plenary Sessions   | Cityview 1   | Cityview 2  | Harborview 1   | Harborview 2  | Harborview 3   | Waterfront 1A   | Waterfront 1C  | Waterfront 2   | Waterfront 3   | Beacon Hill 1  | Beacon Hill 2&3 |
| Room         |                   | Opening Plenary  |  |   |  |   |  |   |  |  |  |  |                 |
| 8:30 AM      |                   | Opening / Ramsey   |  |   |  |   |  |   |  |  |  |  |                 |
| 9:00 AM      |                   | Ramsey Keynote   |  |   |  |   |  |   |  |  |  |  |                 |
| 9:30 AM      |                   |  |  |   |  |   |  |   |  |  |  |  |                 |
| 10:00 AM     |                   |  |  |   |  |   |  |   |  |  |  |  |                 |
| Track        |                   | Break  |  |   |  |   |  |   |  |  |  |  |                 |
|              |                   | Miscellaneous  | FOSS4G   | Alternative Mapping   | PostGIS  | Government  | Adoption   | Image Processing  | Javascript   | Business   | Cartography  | SDI/Portals  |                 |
| 10:30 AM     |                   | Mapping Data in Jupyter Notebooks with FxDevDust   | Welcome to the FOSS4G Community  | Wikipedia maps  | Introducing the PostGIS Add-ons: An easy way to add functionality to PostGIS | Building the Capital Planning Platform: Leveraging Open Source Software to build data and mapping tools in Local Government | Embracing Open Source for NASA's Earth Science Data Systems  | Combination of satellite imagery and ground sensors to improve surface solar estimation: the e-space monitoring project   | AnOI, GeoExt, MapStore 2, ngeo, ... — An overview of extensions, plugins, libraries & frameworks around OpenLayers | Monsanto & Boundless contribution to the open source community: enabling fine grain entitlement for open source geospatial cloud systems (GeoServer) and desktop applications (QGIS) | GeoPoll: integrate cartographic questions in web forms, polls or surveys                   | Scaling my SDI: Containers or VMs?   |                 |
| 11:00 AM     |                   | The Story of Open Source Business Models at Azavea   | Breaking Up is Easy to Do: Leaving ESRI Behind for QGIS - A Case Study               | Cross-Platform Mobile Mapping with React Native   | Protobuf based output formats for PostGIS                                    | Designing open smart city platform with FOSS4G for emerging cities  | The Eagle has landed: Transitioning EAGLE-I from the Department of Energy to Oak Ridge National Laboratory, migrating to open source | The Making of Globe Nocturne - Building a Web Application for Night-time Satellite Imagery in Environmental & Socio-Economic Studies with Open Source Geospatial Technologies | Efficient POI management system using search patterns of navigation users  | The role of open source geospatial software for market research in natural resources   | Why your map sucks and you don't even know it  | Maintaining Spatial Data Infrastructures (SDIs) using distributed task queues                                      |                 |
| 11:30 AM     |                   | GPUs & Their Role in Geovisualization  | Let them expire! - One company's experience with fewer proprietary software licenses | Don't Code. Configure: Turn Your Maps into Apps   | Extending PostGIS with Python  | Denied: How to Geocode with FOSS When Your Data isn't Allowed in the Cloud  | Bentley's travels in the Open Source world   | Exploring the relationship between climate and forest conditions in Foret Classee de la Mondah (GABON) using remote sensing data  | Ngeo: a companion library for OpenLayers 3   | Collaborating with Industry: Building an open source and cloud based geospatial platform   | Mapping the world: going beyond web mercator with GeoServer                                | Building and evaluating the user experience of an Open Source geoportals: the Big Ten Academic Alliance Geoportals |                 |
| 12:00 PM     | Exhibit Hall Open | Lunch  |  |   |  |   |  |   |  |  |  |  |                 |
| 12:30 PM     |                   |  |  |   |  |   |  |   |  |  |  |  |                 |
| 1:00 PM      |                   |  |  |   |  |   |  |   |  |  |  |  |                 |
| Track        |                   | PostGIS  | Community  | Image Processing  | Database/SQL/Offline   | Government/Utilities  | Open Data  | Miscellaneous   | Javascript   | Business/State Of  | Containers/Raspberry Pi  | SDI/Portals  |                 |
| 1:30 PM      |                   | PostGIS Spatial Tricks (1:30pm - 2:10pm)   | What's up with diversity?  | Satellite exploitation platform developed entirely with FOSS software   | How to version my spatial database?  | Regional Wastewater Treatment Planning: FOSS RESTful API Stack & Web Application Development                                | Discovering the world of open data   | Providing API Access to Cutting Edge Forest Monitoring and Analysis Tools   | GeoJS: High Performance Geospatial Visualization for Scientific and Infotivis Community                            | FOSS4G from the Trenches   | An introduction to containerising geospatial apps with Docker                              | Visualizing Spatial Data Repositories: Open Geoportals Analytics Toolkit   |                 |
| 2:00 PM      |                   |  | The UN OpenGIS Initiative  | Using Mapbox and GDAL to Visualize Trends in Ocean Phytoplankton from NASA Earth Observations Satellite Images                  | Graph search, natural language, and the future of the GIS stack              | Columbia Pacific coastal municipal utility applications with GeoMOOSE   | How can we better serve our citizens? New York City, Open Data, & FOSS4G Technologies - A Management Approach                        | It's About People: Putting the 'Community' in 'Open Data Community'   | Browser-based geoprocessing with Turf.js   | Sales and Support engineering in an Open Source SaaS start up  | Containerizing your geospatial applications with Docker                                    | OpenGeoportals lands to Europe: use cases and improvements from Geodata@Polimi                                     |                 |
| 2:30 PM      |                   | Breaking the 4th dimension: working with time in PostgresSQL and PostGIS (2:10pm - 2:50pm)   | Big Data at the heart of open geospatial innovation                                  | Weather from 250 miles up: visualizing precipitation satellite data (and other weather applications) using CesiumJS.            | Offline Maps Sync using SQLite   | Local and regional planning in 3D: using CesiumJS and Meteor to create land use scenarios.                                  | Open Data and Processing Services at NASA's Socioeconomic Data and Applications Center (SEDAC)                                       | Towards A Web-Enabled Geo-Sample Web: An Open Source Resource Management and Registration System for Connecting Geo-Samples to the Web  | D3.js in postgres with iviv  | State of JTS   | Have Your (Raspberry) Pi, and Map with It Too.   | Building a Frankenstein Open Data Portal with FOSS, sweat, and tears   |                 |
| 3:00 PM      |                   | Generating quick and easy React/OpenLayers Web Maps (2:50pm - 3:30pm)  | OpenHistoryMap   | High resolution topography of Polar Regions using open source software, optical satellite imagery, and supercomputing resources | Offline first mapping  | Energy Delivery Expansion Planning through pgRouting  | The Open Geoportals  | Supporting Trajectory UDF Queries and Indexes on PostGIS  | GeoMoose 3.0: React! OpenLayers! XML?  | GeoNetwork: State of the Art   | Pirate Maps: Experiments with portable maps on the Raspberry Pi                            | Story of Oskari - from a national geoportals towards an international OSGeo Project                                |                 |
| 3:30 PM      |                   | Break  |  |   |  |   |  |   |  |  |  |  |                 |
| Track        |                   | Business   | AI/Machine Learning  |   |  |   | Government   | Miscellaneous   | Javascript   | State Of   | Python/Serverless  | GeoNode/Raster Data  |                 |
| 4:00 PM      |                   | What the Heck Does an Open Source Job Look Like, Anyway? A Panel Discussion (4:00pm - 4:45pm)  | Extracting intelligent information from aerial images using machine learning         |   |  |   | Mapping Women's Marches around the world from January 21, 2017.  | LUMASS - a spatial System Dynamics Modelling Framework  | Solr Heatmap Leaflet Library   | Advanced geospatial technologies: The new powerful GRASS GIS 7.2 release   | GeoViews: From exploratory analysis to custom GIS dashboards in a few lines of Python code | The State of GeoNode   |                 |
| 4:30 PM      |                   | -----  | Accelerating map making with artificial intelligence                                 |   |  |   | Opening up TN's LIDAR Dataset  | The Data Observatory: an Open Source ETL and Metadata Framework for Geodata   | Re-vitalizing an enterprise mapping portal using Elasticsearch, AngularJS and Leaflet                              | State of GeoWebCache   | Python Raster Processing on Serverless Architecture  | CartoView App Market: Configurable Web Apps for GeoNode  |                 |
| 5:00 PM      |                   | (4:45pm-5:30pm) Making money and building a business with Open Source Geospatial Technology: What works today? What will work in the future? | End-to-End Geo Machine Learning  |   |  |   | SERCH Lights: Delivering the right information, in the right place, at the right time.   | Spatially enable WordPress with WP-GeoMeta-LB   | MapStore 2, modern mashups with OLS, Leaflet and React   | State of GeoGig  | Scalable Geospatial Microservices with Kubernetes and PostGIS                              | Rendering raster maps with GDAL on a computer cluster  |                 |
| 5:30 PM      |                   | Ice Breaker / Poster Sharing (Harborview)  |  |   |  |   |  |   |  |  |  |  |                 |
| 6:00 PM      |                   |  |  |   |  |   |  |   |  |  |  |  |                 |
| 6:30 PM      |                   |  |  |   |  |   |  |   |  |  |  |  |                 |
| 7:00 PM      |                   |  |  |   |  |   |  |   |  |  |  |  |                 |
| 7:30 PM      |                   | End  |  |   |  |   |  |   |  |  |  |  |                 |

| Exhibit Hall |  | Thursday   |  |  |   |  |  |  |  |   |   |   |                 |
|--------------|--|--|--|--|---|--|--|--|--|---|---|---|-----------------|
| 7:30 AM      | Exhibit Hall Open  | Registration Open / Breakfast  |  |  |   |  |  |  |  |   |   |   |                 |
| 8:00 AM      |  | R Day  |  |  |   |  |  |  |  |   |   |   |                 |
| Theme        |  | Plenary Sessions   | Cityview 1   | Cityview 2   | Harborview 1  | Harborview 2   | Harborview 3   | Waterfront 1A  | Waterfront 1C  | Waterfront 2  | Waterfront 3  | Beacon Hill 1   | Beacon Hill 2&3 |
| 8:30 AM      |  | St. Clair Keynote  |  |  |   |  |  |  |  |   |   |   |                 |
| 9:00 AM      |  | St. Clair / Cheng  |  |  |   |  |  |  |  |   |   |   |                 |
| 9:30 AM      |  | Cheng Keynote  |  |  |   |  |  |  |  |   |   |   |                 |
| 10:00 AM     |  | Break  |  |  |   |  |  |  |  |   |   |   |                 |
| Track        |  | Google Earth Enterprise  | Drones/Satellite   | Visualization  | R   | Miscellaneous  | Big Data   | QGIS/Data Servicing  | 3D   | Serverless  | Data Servicing/Cartography  | Education   |                 |
| 10:30 AM     |  | Google Earth Enterprise: From Acquisition, to Enterprise Sales, to Open Source - Doing What is Right for Users | DIY mapping with drones and open source in a humanitarian context                        | Transforming Geospatial Data for Visualization with D3   | A Journey through R for Geo   | Sharing and Migrating GIS Projects with OGC GeoPackage                                   | GIS-Explorations of Earth: A Gateway to the Big Data Workforce   | DSG Tools: a toolbox for database management and vector data quality in QGIS                   | 3D Tiles in Action   | Introduction to Serverless for Geo  | Best Practice for Servicing Imagery using MapServer on Amazon Web Services  | State of Geoforall - OSGeo global education and research labs network |                 |
| 11:00 AM     |  | Everything old is new again: What open source Google Earth Enterprise means for FOSS4G and Cesium              | LiveDroneMap - an Automatic Real-time UAV Mapping Solution                               | The Utility of Beautiful Geovisualizations   | Implementation of a large-scale, interactive agricultural water balance model using R and GDAL  | Devops for GIS in the Cloud  | Remote Analysis of Big Data in Cloud Object Storage using FUSE, Jupyter Notebooks, Docker and Kubernetes   | Geographic Update Partnership Software   | Why 3D? The benefits of 3D geospatial visualization beyond pretty pictures | We're gonna need a bigger boat! Serverless Geo to avoid disaster  | OnEarth 2.0: Updates to NASA's open source high performance map server  | It's all about data   |                 |
| 11:30 AM     | Google Earth Enterprise as an Open Source Project                            | Imaging the earth every day  | Data driven styling for fast GL maps   | Developing Scalable Information Extraction Processing Pipelines using R for Earth Observation Applications | GeoNotebook: an extension to the Jupyter Notebook for exploratory geospatial analysis   | Optimizing Spatiotemporal Analysis Using Multidimensional Indexing with GeoWave          | Carto Connectors: data plumbing for geo-analysts   | 3D City Models for everyone!   | Hosted Services are Hard (And So Can You!)                                 | Critical Cartography: Encoding ideas about equity and equality in spatial algorithms  | Two laptops and a bag of thumb drives: knitting together a global community using FOSS4G  |   |                 |
| 12:00 PM     | Lunch  |  |  |  |   |  |  |  |  |   |   |   |                 |
| 12:30 PM     | Lunch  |  |  |  |   |  |  |  |  |   |   |   |                 |
| 1:00 PM      | Lunch  |  |  |  |   |  |  |  |  |   |   |   |                 |
| Track        | Miscellaneous  | Big Data   | Visualization  | R  | Government  | Water Management   | Standards  | 3D   | Serverless   | Projections   | Education   |   |                 |
| 1:30 PM      | Mapbox GL: How vector maps work (1:30pm - 2:10pm)                            | Approaches to Visualising Big Data   | Non-cartographic visualizations of geographic data                                       | Rspatial.org, tutorials for learning Spatial R   | Tufts Spatial Data Rescue: Crawling at-risk Government Data   | Pghydro Project: postgres+postgis extension to assist in water resources decision making | Promoting your open source implementation and getting OGC free certification   | A Brand-New GeoBIM (Building Information Model) platform on Top of Cesium and World Wind       | Serverless architectures for geo   | Exploring open (and closed) coordinate system definitions in off the shelf software such as Global Mapper and Geographic Calculator | Teaching QGIS in the Public Sector: Adoption through Education  |   |                 |
| 2:00 PM      |  | Geopyler: GeoMesa and PySpark in Jupyter notebooks.  | Visionmaker NYC: Browser-based cellwise raster editing for urban sustainability          | GeoTuple: a Framework for Web Based Geo-Analytics with R and PostGIS                                       | USGS Open Source Algorithms for Land Remote Sensing Time-Series Data Analysis   | Conservation Irrigation Water Management using FOSS4G - Season 2                         | Towards OSGeo best practices for scientific software collaboration: integration options for persistent identifiers in OSGeo project repositories | Trillions of points - spatial indexing, organization, and exploitation of massive point clouds | Geospatial Lambda for scalable, serverless geo-processing                  | Discrete global grids: what they are, how to use them   | i-Deindeer - developing educational 3D quest game based on Taimyr herd migration  |   |                 |
| 2:30 PM      | Skyhook Open Data for Global Signal + Mobile User Behavior (2:10pm - 2:50pm) | Accelerating geospatial analytics using Apache Spark   | Fake Maps, Very Dishonest  | R in the Z-dimension: Processing LIDAR data for free   | Forest Management - A FOSS4G Approach   | OKan - Management of drainage system data with QGIS                                      | ORFEO ToolBox license change from CeCILL to Apache - diary of a long journey   | Planning and Visioning with Virtual Reality  | Serverless architectures & automated pipelines for GIS applications        | Introduction to Apache Spatial Information System (SIS)   | Building an open access "spatial data management and integration" course for the world based on Common-based Peer Production principles |   |                 |
| 3:00 PM      | Open Mobile Data Collection (2:50pm - 3:30pm)                                | Converging GeoData, Big Data, And Web Applications   | Visualization and analysis of active transportation patterns derived from public webcams | Integrating Apache Spark and R for Big Data Analytics on solving geographic problems                       | National Collaborative Mapping of Forests and Natural Resources From a Government Initiative - The Rural Environmental Registry (CAR) | Automatic generation of a 2-D-TIN for river hydraulics from 1-D cross section data       | Making Ocean Observations Accessible and Usable: A Standards and Software Case Study   | HOWL: 3D/4D mapping and visualization of Oregon's wildlands                                    | Serverless! Serving GeoData in Open Standards One Request at a Time        | A history, status report, and outlook of Proj.4   | Chatbots for accessible geospatial data   |   |                 |
| 3:30 PM      | Break  |  |  |  |   |  |  |  |  |   |   |   |                 |
| 4:00 PM      | Stallman Keynote   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 4:30 PM      | Stallman Keynote   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 5:00 PM      | Stallman Keynote   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 5:30 PM      | End  |  |  |  |   |  |  |  |  |   |   |   |                 |
| 6:00 PM      | End  |  |  |  |   |  |  |  |  |   |   |   |                 |
| 6:30 PM      | End  |  |  |  |   |  |  |  |  |   |   |   |                 |
| 7:00 PM      | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 7:30 PM      | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 8:00 PM      | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 8:30 PM      | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 9:00 PM      | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 9:30 PM      | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 10:00 PM     | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 10:30 PM     | Gala at the New England Aquarium   |  |  |  |   |  |  |  |  |   |   |   |                 |
| 11:00 PM     | End  |  |  |  |   |  |  |  |  |   |   |   |                 |

| Friday            |  |                  |   |   |   |   |  |  |  |  |   |  |   |  |
|-------------------|--|------------------|---|---|---|---|--|--|--|--|---|--|---|--|
| Registration Open |  |                  |   |   |   |   |  |  |  |  |   |  |   |  |
| QGIS Day          |  |                  |   |   |   |   |  |  |  |  |   |  |   |  |
| Room              | Exhibit Hall                                   | Plenary Sessions | Cityview 1  | Cityview 2  | Harborview 1  | Harborview 2  | Harborview 3   | Waterfront 1A  | Waterfront 1C  | Waterfront 2   | Waterfront 3  | Beacon Hill 1  | Beacon Hill 2&3   |  |
| Track             |  |                  | Space   | GeoServer   | Transportation/Routing  | QGIS  | Stories/Time   | Health   | Miscellaneous  | 3D   | Vector Tiles  | Analytics  | Environment   |  |
| 9:30 AM           | Exhibit Hall Open                              |                  | Mars in 3D across oceans of time: How we made Rewind the Red Planet   | State of GeoServer  | Map Rendering and Route Planning Unified  | State of QGIS   | The MapStory approach to crowd-editing change over time  | Using FOSS4G to Support Polio Eradication in West Africa   | Building a Table Joining like service with Web Processing Services                       | Point Cloud Filters & Pipelines in PDAL                                  | Migrating to Vector Tiles   | What defines a neighborhood?   | Processing conservation indicators with open source tools: lessons learnt from the Digital Observatory for Protected Areas  |  |
| 10:00 AM          |  |                  | Processing imagery from the World's Largest Private Fleet of Satellites   | GeoServer Feature Frenzy  | A case study using Kubernetes/Docker routing, geocoding, and basemap microservices with QGIS and OpenLayers                                       |   | How to make use of FOSS4G in public broadcasting   | TransBASEstf.org: Linking Transportation Systems to Our Health   | ZOO-Project 1.7.0: What is new about Open WPS Platform                                   | Mapping Terra Incognita: Bringing Buildings into 2D/3D GIS               | Raster is a disaster, vector is a spectre: the tale of one startup on a budget, wading through the tile wars.                                       | Spatial Regression Explorer - A FOSS Web Tool for Spatial Regression Techniques  | Urban Multi-scale Environmental Predictor - an extensive tool for climate services in urban areas   |  |
| 10:30 AM          |  |                  | Facilitate Visualization and Distribution of NASA Environmental Science Data through Open Standards and Open Source Software for Geospatial | GeoServer in Production: we do it, here is how!   | Detecting Traffic Crash Patterns and Identifying the most Risky Street Segments and Sections for City of Boston using Spatial Statistical Methods | Towards an Improved Metadata Management in QGIS: Vision and Roadmap                           |  | Deep Dives into Boston History: View Hundreds of Aligned Maps using Mapjunction and Open Source              | Health Accessibility in South East Santiago de Chile                                     | Exposing location data services through SQL                              | VTS 3D Geospatial Software Slack  | Vector tiles from OpenStreetMap with OpenMapTiles and TileServer GL  | CARTO's spatial analytics extension, an update  | OpenAQ: An open air quality platform and community for the world                       |
| 11:00 AM          |  |                  | NASA: Mapping software for rapid science decision making while exploring lava flows to simulate a human Mars mission                        | Development of an extension of GeoServer to provide handling three-dimensional spatial data | Solving the last mile problem with OpenTripPlanner (OTP), Mapzen Pelias, and open data  | Custom QGIS Symbols with Inkscape   |  | 7 Falsehoods Programmers Believe about Place & Time  | National Library of Medicine community health mapping program                            | Map Markup Language and the Web of Maps: How Hypertext Works For Mapping | Coupling a geospatial Tangible User Interfaces (TUI) and an Immersive Virtual Environment (IVE) using open-source geospatial and 3D modelling tools | T-rex, a vector tile server for your own data  | Mapping Open Source Developers Worldwide  | Personal Radiation Exposure Management by using an Offline Map for Fukushima Residents |
| 11:30 AM          |  | Lunch            |   |   |   |   |  |  |  |  |   |  |   |  |
| 12:00 PM          |  | Lunch            |   |   |   |   |  |  |  |  |   |  |   |  |
| Track             |  |                  | Boston Projects   | GeoServer   | Transportation/Routing  | QGIS  | Big Data   | Agriculture  | Analytics  | 3D   | Humanitarian  | LIDAR  | Environment   |  |
| 12:30 PM          | OSGeo AGM Meeting (Held in: Cambridge Complex) |                  | The Billion Object Platform (BOP): a system to lower barriers to support big, streaming, spatio-temporal data sources                       | Creating Stunning Maps in GeoServer: mastering SLD and CSS styles.                          | Density mapping of ship traffic using FOSS4G in C#.NET  | QGIS Web Client 2   | Big Weather Data, all about partitions and precipitation   | Tracking 19th Century Late Blight From Archival Documents Using Text Analytic Tools.                         | A New Spatial Approach for Efficient Transformation of Equality - Generalized TSP to TSP | Albion - 3D modeling software dedicated to the geology                   | Using FOSS mapping and charting tools to visualize refugees and immigrant integration data  | Charcoal, iron and people: Revealing historic and archaeological landscapes using open access LIDAR data in Pennsylvania | Transformation of the Energy-related Severe Accident Database to an open source, interactive, web-based GIS application for risk visualization and decision-support |  |
| 1:00 PM           |  |                  | Metric Geometry and Gerrymandering  | MapBox Styles for GeoServer and OpenLayers  | Social Behavior Dynamics based Transnational Trafficking Route Analysis Using pgRouting   | Development of a new QGIS plugin for calculating vegetation indices from UAV-based RGB images | Indexes in geo-temporal data sets... How much is enough?   | Where the Grass Meets the Sky: Developing an Early Warning GIS for Nomadic Herders in the West African Sahel | Noise: A new search index for semi structured data                                       | Open Source Geospatial Tools to Enable Large Scale 3D Scene Modeling     | A Tool for Assessing Port Capabilities Across the Globe   | An open, standards-based and flexible point cloud data service   | Using open-source tools and high-resolution geospatial data to estimate landscapes' visual attributes   |  |
| 1:30 PM           |  |                  | Build It, Hack It, Share It   | GeoServer Clustering Revisited: Getting Your Docker On                                      | Another Perspective View of Cesium for OGC Moving Features  | Creating input masks for QGIS using Python, PyQt, Qt Designer                                 | GeoMesa and geospatial Spark SQL: using cloud computing to make sense out of trillions of features | A FOSS web mapping solution for disparate precision agriculture data   | Polygon aggregator for big time series of Amazon deforestation data                      | The Unlikely Road to Advanced Open Source 3D Mapping Technology          | Copernicus EMS - Mapping, Crisis Response and Data Sharing  | PDAL Project Status and Intro  | Modeling effective albedo as a function of land cover type and snow type  |  |
| 2:00 PM           | Break  |                  |   |   |   |   |  |  |  |  |   |  |   |  |
| 2:30 PM           | Arias de Reyna Keynote                         |                  |   |   |   |   |  |  |  |  |   |  |   |  |
| 3:00 PM           | Arias de Reyna / Closing                       |                  |   |   |   |   |  |  |  |  |   |  |   |  |
| 3:30 PM           | Closing Plenary & Awards                       |                  |   |   |   |   |  |  |  |  |   |  |   |  |
| 4:00 PM           | End  |                  |   |   |   |   |  |  |  |  |   |  |   |  |