

OSS 2010

Conference Schedule

Saturday 29 May 2010

6:00–9:00 pm **Doctoral Consortium Reception**
(Participating students and faculty advisors only)
Morris Inn, Irish Courtyard

Sunday 30 May 2010

7:30–9:00 am **Continental Breakfast – McKenna Hall**

9:00–5:00 pm **OSS 2010 Doctoral Consortium**
(All conference attendees welcome)

Co-chairs: Kris Ven, Walt Scacchi and Jan Verelst
McKenna Hall, Auditorium

5:00–6:00 pm **IFIP Working Group 2.13 Business Meeting: Giancarlo Succi, Working Group 2.13 – General Chair**
McKenna Hall, Auditorium

6:00–7:00 pm **Keynote: Greg DeKoenigsberg, Senior Community Architect for Red Hat**
Open Source Projects, Educational Opportunities
McKenna Hall, Auditorium

7:00–10:00 pm **Welcoming Reception: Food, Beverage and Music**
McKenna Hall, Atrium & Main Lobby

10:00 pm **Social Gathering**
Morris Inn, Leahy's Lounge

Monday 31 May 2010

7:30–9:00 am **Women@OSS Breakfast**
Chair: Cornelia Boldyreff
West Lounge, 2nd Floor, McKenna Hall

7:30–9:00 am **Continental Breakfast – McKenna Hall**

9:00–9:15 am **Conference Welcome**
McKenna Hall, Auditorium
Greg Madey and Jesus M. Gonzalez-Barahona, Co-General Chairs
John Noll, Cornelia Boldyreff and Pär Ågerfalk, Co-Program Chairs

9:15 – 10:30 am **Plenary Address: Larry Augustin, Chief Executive Officer, SUGARCRM, Inc**
Commercial Open Source for the Enterprise
McKenna Hall, Auditorium

10:30–11:00 am **Break**

Monday 31 May 2010

McKenna Hall, Auditorium

McKenna Hall, Room 100-104

11:00–12:30 pm Paper session 1A: Performance of OSS

Session chair: Scott Hissam

Spago4Q and the QEST nD Model: An Open Source Solution for Software Performance Measurement

Ardagna, Claudio A and Damiani, Ernesto and Frati, Fulvio and Oltolina, Sergio and Regoli, Mauro and Ruffatti, Gabriele

Modelling Failures Occurrences of Open Source Software with Reliability Growth

Rossi, Bruno and Russo, Barbara and Succi, Giancarlo

Comparing OpenBRR, QSOS, and OMM Assessment Models

Petrinja, Etiel and Sillitti, Alberto and Succi, Giancarlo

Paper session 1B: Governance in OSS

Session chair: Charles Schweik

Governance in Open Source Software Development Projects: A Comparative Multi-level Analysis

Jensen, Chris and Scacchi, Walt

To Patent or Not to Patent: A Pilot Experiment on Incentives to Copyright in a Sequential Innovation Setting

Crosetto, Paolo

Evaluating the Readiness of Proprietary Software for Open Source Development

Kilamo, Terhi and Aaltonen, Timo and Hammouda, Imed and Heinimaki, Teemu J and Mikkonen, Tommi

12:30–2:00 pm Lunch and Keynote Speaker: Nate Oostendorp, Product Director for SourceForge at GeekNet Inc

The OSS Forge Ecosystem: Today and Tomorrow

McKenna Hall, Auditorium

McKenna Hall, Room 100-104

2:00–3:30 pm Paper session 2A: OSS Communities

Session chair: Allen Tucker

Joining and Socialization in Open Source Women's Groups: An Exploratory Study of KDE-Women

Qiu, Yixin and Stewart, Katherine J. and Bartol, Kathryn M.

The Meso-level Structure of F/OSS Collaboration Network: Local Communities and Their Innovativeness

Conaldi, Guido and Rullani, Francesco

The Nagios Community: An Extended Quantitative Analysis

Gamalielsson, Jonas and Lundell, Björn and Lings, Brian

Panel 2B1: Student Participation in OSS Projects

Panel Chair: Gregory W Hislop

Heidi J C Ellis

Greg DeKoenigsberg

Darius Jazayeri

Panel session 2B2: The FOSS 2010 Community Report

Panel Chair: Scacchi, Walt

Crowston, Kevin

Madey, Greg

Squire, Megan

3:30–4:00 pm Break

Monday 31 May 2010

McKenna Hall, Auditorium

McKenna Hall, Room 100-104

4:00-5:30 pm

Panel session 3A1: The Present and Future of FLOSS Data Archives

Panel Chair: Megan Squire
Jesus Gonzalez-Barahona
Greg Madey

Panel session 3A2: Open Source Software/Systems in Humanitarian Applications (H-FOSS)

Panel Chair: Greg Madey
Allen Tucker, Bowdoin College
Darius Jazayeri, OpenMRS
Deborah Shaddon, Crisis Commons
Mark Prutsalis, Sahana

Paper session 3B: OSS Bugs and Testing

Session chair: Hyrum Wright

T-DOC: A Tool for the Automatic Generation of Testing Documentation for OSS Products

Morasca, Sandro and Taibi, Davide and Tosi, Davide

Voting for Bugs in Firefox: A Voice for Mom and Dad?

Dalle, Jean-Michel and Besten, Matthijs den

Bug Localization Using Revision Log Analysis and Open Bug Repository Text Categorization

Moin, Amir H. and Khansari, Mohammad

6:00-9:30 pm

Conference Dinner

Center for History and National Studebaker Museum

Bus Departs from McKenna Hall starting at 5:45 pm

9:30 pm

Social Gathering

Morris Inn, Leahy's Lounge

Tuesday 1 June 2010

7:30–9:00 am Nordic Breakfast

Chair: Björn Lundell

West Lounge, 2nd Floor, McKenna Hall

7:30-9:00 am Continental Breakfast – McKenna Hall

9:00–10:00 am Plenary Address: Andrew Updegrave, Gesmer Updegrave LLP, Board of Advisors of Open Source for America

The Future of F/OSS: Questions, Challenges and Opportunities

10:00–10:30 am Break

McKenna Hall, Auditorium

McKenna Hall, Room 100-104

10:30–12:30 pm Paper session 4A: Empirical research on OSS

Session chair: Kevin Crowston

Reclassifying Success and Tragedy in FLOSS Projects

Wiggins, Andrea and Crowston, Kevin

Download Patterns and Releases in Open Source Software Projects: A Perfect Symbiosis?

Rossi, Bruno and Russo, Barbara and Succi, Giancarlo

Risks and Risk Mitigation in Open Source Software Adoption: Bridging the Gap between Literature and Practice

Hauge, Øyvind and Cruzes, Daniela Soares and Conradi, Reidar and Velle, Ketil Sandanger and Skarpenes, Tron Andre

A Field Study on the Barriers in the Assimilation of Open Source Server Software

Ven, Kris and Verelst, Jan

Paper session 4B: Organizational participation in OSS

Session chair: Heidi Ellis

Open Source Introducing Policy and Promotion of Regional Industries in Japan

Noda, Tetsuo and Tansho, Terutaka

How Open are Local Government Documents in Sweden? A Case for Open Standards

Lundell, Björn and Lings, Brian

Engaging without Over-powering: a Case Study of a FLOSS project

Capiluppi, Andrea and Baravalle, Andres and Heap, Nick W

Where and When Can Open Source Thrive? Towards a Theory of Robust Performance

Levine, Sheen S. and Prietula, Michael J.

12:30–2:00 pm Lunch and Keynote Speaker: Joe Brockmeier, Open Source Software Writer, Editor and Community Manager

The Next 10 Years of Software Freedom - Impact of Web Applications, Mobile Computing, and 'Cloud Computing'

Dining Room, Lower Level of McKenna Hall

Tuesday 1 June 2010

McKenna Hall, Auditorium

McKenna Hall, Room 100-104

2:00–3:30 pm

Paper session 5A: User involvement in OSS development

Session chair: Megan Squire

Usability Innovations in OSS Development – Examining User Innovations in an OSS Usability Discussion Forum

Iivari, Netta

An Investigation of the Users' Perception of OSS Quality

Bianco, Vieri del and Lavazza, Luigi and Morasca, Sandro and Taibi, Davide and Tosi, Davide

Collaborative Development for the XO Laptop: CODEX 2

Garbett, Andrew and Lieser, Karl and Boldyreff, Cornelia

Paper session 5B: Short Papers

Session Chair: Scott Christley

FLOSS Communities: Analyzing Evolvability and Robustness from an Industrial Perspective, Izquierdo-Cortazar, Daniel and Gonzalez-Barahona, Jesus M. and Robles, Gregorio and Deprez, Jean-Christophe and Auvray, Vincent

BULB: Onion-Based Measuring of OSS Communities, Kilamo, Terhi and Aaltonen, Timo and Heinim, Teemu J

A Network of FLOSS Competence Centres, Laisne, Jean-Pierre and Lago, Nelson and Kon, Fabio and Coca, Pedro

Profiling F/OSS Adoption Modes: An Interpretive Approach, Lopez, David and Pablos, Carmen de and Santos, Roberto

High-Level Debugging Facilities and Interfaces. Design and Development of a Debug-Oriented I.D.E., Papoylias, Nick

Open Source Software Developer and Project Networks, van Antwerp, Matthew and Madey, Greg

A Case Study on the Transformation From Proprietary to Open Source Software, Orucevic-Alagic, Alma and Host, Martin

3:30–4:00 pm

Break

Tuesday 1 June 2010

McKenna Hall, Auditorium

McKenna Hall, Room 100-104

4:00-5:00 pm

Paper session 6A: Short Papers

Session chair: Andrea Wiggins

Three Strategies for Open Source Deployment: Substitution, Innovation, and Knowledge Reuse, Allen, Jonathan P.

Introducing Automated Unit Testing into Open Source Projects, Oezbek, Christopher

Coordination Implications of Software Coupling in Open Source Projects, Amrit, Chintan and Hillegersberg, Jos van

Industry Regulation through Open Source Software: a Strategic Ownership Proposal, Hardy, Jean-Lucien

Proposal for Solving Incompatibility Problems between Open-Source and Proprietary Web Browsers, Iio, Jun and Shimizu, Hiroyuki and Sasaki, Hisayoshi and Matsumoto, Akihiro

6:00 – 8:00 pm

Reception/Dinner

Morris Inn, Donors Room

8:00 pm

Social Gathering

Morris Inn, Leahy's Lounge

Paper session 6B: Short Papers

Session chair: Chris Jensen

To Rule and be Ruled: Governance and Participation in FOSS Projects, Seifu, Zegaye and Tsiavos, Prodromos

A Comparison Framework for Open Source Software Evaluation Methods, Stol, Klaas-Jan and Babar, Muhammad Ali

An Exploratory Long-Term Open Source Activity Analysis: Implications from Empirical Findings on Activity Statistics, Yamakami, Toshihiko

Challenges for Mobile Middleware Platform: Issues for Embedded Open Source Software Integration, Yamakami, Toshihiko

Warehousing and Studying Open Source Versioning Metadata, van Antwerp, Matthew and Madey, Greg

Wednesday 2 June 2010

7:30-9:00 am **Continental Breakfast – McKenna Hall**

9:00-12:30 pm **Workshop: Open Source Policy and Promotion of IT Industries in East Asia**

Organizers: Tetsuo Noda, Sangmook Yi and Dongbin Wang

McKenna Hall, Room 100-104

9:00-1:00 pm **Joint Workshop Session (OSCOMM 2010 & WoPDaSD 2010):**

Second International Workshop on Building Sustainable Open Source Communities (OSCOMM 2010)

Organizers: Imed Hammouda, Timo Aaltonen , Andrea Capiluppi

McKenna Hall, Room 210-214

WoPDaSD Public Data about Software Development

Organizers: Jesús M. González Barahona, Megan Squire and Daniel Izquierdo Cortázar

McKenna Hall, Room 210-214

9:00-1:00 pm **Tutorial: The QualiPSo Project FLOSS Vision**

Sandro Morasca, Università degli Studi dell'Insubria

Etiel Petrinja, Free University of Bozen/Bolzano

McKenna Hall, Room 112 - 114