



# Free Open Source Software Academia Conference

17th & 18th November 2009, Centre de congrés WTC, 5-7 place Robert Schumann, Grenoble, France.

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### Participants

- Akquinet
- Apache
- Eclipse
- Engineering
- HP Fossology
- INRIA
- Mandriva
- OW2
- Plume-Feather
- Sun Microsystems
- University Paris VII
- University of Milan
- University of Helsinki



## Day 1

### Room Makalu

#### Detailed agenda

#### Session Abstracts

#### Speakers

### Documents

- [FULL Program](#) (for printing)
- [1<sup>st</sup> Press Release](#)
- [Poster](#)

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Day1	Generic presentations	Authors
08:30	Registration & Coffee	
09:00	Welcome message by	OW2 ELC Team
	Welcome message by Geneviève Fioraso	Member of the French Parliament
	Welcome message by Stephane Ubeda	Director of the Technological Development Department of INRIA
09:30	OSS & Benefits	Jean Bernard Stefani (INRIA - Research Director)
10:15	OSS & Innovation	Francois Letellier (Freelance consultant on open source & open innovation)
11:00	OSS & Business Models	Arnaud Laprèvote (Mandriva, Director R&D)
12:00	Lunch Break	Lunch Break
13:30	OSS & the Law	Luc Grateau INRIA DTI
14:15	OSS & Communities	Cédric Thomas CEO, OW2 Consortium
15:00	Coffee break	Coffee break
15:30	OSS & European Project	Roberto Di Cosmo Université VII, Professor
16:15	OSS & Market needs	Gabriele Ruffatti Engineering, Panel Chairman
	Panel	Ernesto Damiani University of Milan Alban Richard Sun Microsystems Stefano Scamuzzo Engineering Teo Romera Rey Juan Carlos University



sources from Wikipedia & National Geographic

The fossa (*Cryptoprocta ferax*) is a member of family **Eupleridae**, it is closely related to the **mongoose**. It is the largest mammalian **carnivore** on the island of Madagascar. (The largest carnivore on Madagascar is the **Nile crocodile**.)

Fossa males are 75–80 centimeters (29–31 in.) long, plus a tail which is 70–90 centimeters (27–35 in.) long; they weigh 6–10 kilograms (13–22 lb). Females are 65–70 centimeters (25–27 in.) with a similar-sized tail; they weigh 5–7 kilograms (11–15 lb).

The fossa is a very **agile** animal. It can leap from tree to tree and displays a **squirrel**-like agility. It can wield its tail like a tightrope walker's pole and moves so swiftly through the trees that **scientists have had trouble observing and researching it**.

The fossa is extremely catlike in appearance and behavior; it is often likened to the **clouded leopard**, a feline native to southeast Asia.

**Recent observations indicate the fossa may not be as nocturnal** as was once thought. The rarity of this animal likely contributed to the belief that the fossa is entirely nocturnal, but recent scientific study has found that it is active both during the day and night.

[Read more...](#)

17:15	First day - Wrap up	Cédric Thomas CEO, OW2 Consortium
17:30	End	End

## Speakers and Abstracts

### Michel Cezon



Michel Cezon has spent 28 years in IT industries and services, mostly in innovative ICT technologies on Internet and e-Business. He led numerous European Commission projects (Framework Program 4, 6 and 7) as well as large consortiums on international tenders (United Nations) or multi-millions projects for large industries. Graduated as an IT Engineer and specialised in Artificial Intelligence, Robotics and Vision, he masters projects management and quality skills learnt with large companies such as Hewlett Packard or Cap Gemini Ernst and Young. Well aware of multicultural issues, he spent years in Singapore, United States, Switzerland and travels frequently in Europe.

In January 2007, he moved to research and joined INRIA as a team manager and to coordinate strategic European projects. He is currently managing INRIA contributions in Qualipso ([www.qualipso.org](http://www.qualipso.org) – the largest FP6 project for Quality in Open Source Software), represents INRIA at the NESSI Steering Committee ([www.nessi-europe.eu](http://www.nessi-europe.eu) - European Technology Platform on Software and Services) and co-leads the OW2 Europe Local Chapter ([www.ow2.org](http://www.ow2.org)).

#### Session

OSS and the Market needs (Panel), 16:15-17:15, Day 1, Room Makalu.

This session (panel) focuses on **various experiences of joint collaboration between industry and academia**, in order to achieve different business goals. **Academia and researchers are the preferential actors to foster innovation** in the market along with enterprises to tune it to the industrial level. The OW2 Initiatives (and precisely the OW2 BI Initiative) could be considered as a reference model. They are a joint effort to develop both technical **integration of open source solutions and business synergies**, in order to address specific market needs.

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### Ernesto Damiani



Ernesto Damiani is a full professor at the Information Technology Dept., University of Milan, where he leads the SESAR research lab, and the Head of the University of Milan's Ph.D. program in Computer Science. He held visiting positions at several international research institutions. Prof. Damiani serves in the editorial board of several journals in the secure software development area; among others, he is Area Editor of the Journal of System Architecture and Associate Editor of the IEEE Transactions on Service-oriented Computing. He is the Vice-Chair of the IEEE Technical Committee on Industrial Informatics, the Chair of IFIP WG 2.6 on Database Semantics and the Secretary of the IFIP WG 2.13 on Open Source Development.

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### Roberto Di Cosmo



Roberto Di Cosmo holds a PhD in Computer Science and is currently Computer Science professor at University Paris Diderot, after teaching for almost a decade at Ecole Normale Supérieure in Paris, and spending a few years at INRIA.

He has been actively involved in research in theoretical computing, specifically in functional programming, parallel and distributed programming, the semantics of programming languages, type systems, rewriting and linear logic.

Following the evolution of our society under the impact of IT with great interest, he has been a Free Software advocate, contributing to its adoption since 1998 with the best-seller "Hijacking the world", seminars, articles and software. He has created the Free Software thematic group of System@tin in October 2007, and coordinates the Mancoosi European project dedicated to improving the quality of GNU/Linux distributions.

#### Session

OSS and European Commission, 15:30-16:15, Day 1, Room Makalu.

Free and Open Source Software distributions raise difficult problems both for distribution editors and system administrators. Distributions evolve rapidly by integrating new versions of software packages that are independently developed. System upgrades may proceed on different paths depending on the current state of a system and the available software packages, and system administrators are faced with choices of upgrade paths, and possibly with failing upgrades.

Mancoosi develops mechanisms that provide for rollbacks of failed upgrade attempts, allowing the system administrator to revert the system to the state before the upgrade, and better algorithms and tools to plan upgrade paths based on various information sources about software packages and on optimization criteria.

The consortium as a whole is entirely committed to the free software movement, and the project sets up virtuous cycles associating users, industry and researchers that will outlive the project itself.

Mancoosi is a European research project in the 7<sup>th</sup> Research Framework Programme (FP7) of the European Commission, which has started February 1<sup>st</sup>, 2008, and has a duration of 3 years.

### Web link

<http://www.mancoosi.org/>

<http://www.dicosmo.org/HoldUp/index.html.en>

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### Luc Grateau



Dr. Luc Grateau is in charge of technology transfer strategies at INRIA's Innovation and Transfert department.

He started his carrier as applied research engineer at CORNING. He was regional technology transfer officer for a French Public Research body from 1993 to 2004. At INRIA he was in charge of intellectual assets management, and was project leader for designing and implementing a tooled Intellectual Property Rights tracking methodology of component based and collaboratively developed software.

### Session

OSS and the law, 13:30-14:15, Day 1, Room Makalu.

This session will **arm you** with all the key information you need to to figure out **Open Source software licensing issues**, understand legal situation, etc. The aim is to present **your obligations in terms of OSS licences, patent and intellectual property, before launching a project**. Next, a short presentation of the **CECILL** license will be done. (description to be completed)

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### Arnaud Lapr votte



After having been industrial researcher during 7 years in T l Diffusion de France and THOMSON multimedia, active on video processing and digital hardware design, Arnaud Lapr votte created Free&ALter Soft in 1996 which was one of the very first open source professional service company in France. Free&ALter Soft survived the internet bubble, received investment, bought a startup (Linbox) in 2001, changed its name in Linbox FAS, and was bought by Mandriva in 2007. Arnaud Lapr votte is now the director of research projects in Mandriva the Linux distribution editor.

*"but ... where is the FOSSa conference room?"*

### Session

OSS and Business Models, 11:00-12:00, Day 1, Room Makalu.

From a philosophical point of view, **everybody loves open source** software: you, your wife or girl friend, your father, your mother, grand-father or grand-mother, your children, your boss, your employees, your customers, your students, your teachers, your cat even your fish, everybody. Once the first enthusiasm gone (it takes around 10 minutes for persons and 3 sec. for the fish), a simple question arises : ok, open source is not gratis, however, a consequence of the open redistribution is gratuity, so **how are you making a living with open source software ? Is it viable in the long term ?**

*The conference will present **the mechanisms** (the "business models") **around open source software** and especially those for software editors.*



### Web link

[mandriva.com](http://mandriva.com)

[doc4.mandriva.com](http://doc4.mandriva.com)

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### Francois Letellier



Francois Letellier is a freelance consultant on open innovation and open-source software. He helps innovative entrepreneurs and start-ups define open-source based business models, pursue open innovation strategies and secure funding. He also acts as a techno-economic expert for innovation support institutions, delivers lectures and training sessions and is strongly involved in structured and informal communities related to open IT innovation. Francois has a master in computer science and over 15 years of experience in software design, engineering and project management. He was product manager for BI products targeting pharma-cos top management. He co-founded a software engineering business where he served five years and worked for global corporations like France Telecom and Michelin. He spent four years with INRIA, the French National Research Center in Computer Science and Automation, as marcom director and executive director of ObjectWeb.

## Session

OSS and Innovation, 10:15-11:00, Day 1, Room Makalu.

The spirit of free/open-source development has from the beginning been well in line with that of academic research: **freedom in software distribution is similar to freedom in dissemination of scientific knowledge**. Now that F/OSS hit the business world, new questions arise on the possibility to run sustainable business models based on F/OSS - the question of innovation being a central part of the answer. This presentation will discuss the **relationships between: the open-source development process; open innovation in software; academic research; its funding and industrial valorization; and public policies for the information society**.

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## Alban Richard



Senior Engineering Director, Sun Directory Server Enterprise Edition  
Site Manager, Sun Microsystems Grenoble Engineering Center

Alban Richard is responsible for Sun Directory Services engineering, including the world's leading LDAP solution, Sun's Directory Server Enterprise Edition, as well as OpenDS a brand new Java LDAP core server, a Sun Microsystems open source project.

Alban has been with Sun Microsystems for more than 16 years, including several years based at Sun's Menlo Park campus in California. His experience is in engineering, product management and marketing, P&L responsibilities and general management, with a successful track record of innovation, having brought more than 30 Sun software products to market.

Alban is also Site Manager of the Sun Microsystems Grenoble Engineering Center (GEC). GEC hosts over 140 Sun employees from around the world, engaged mainly in software development, quality engineering, product management, documentation, support, sustaining, and marketing. Alban holds a Masters degree in Computer Science from Marseilles University, France.

## Session

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## Teo Romera



**Teófilo Romera-Otero**: earned a degree in computer engineering at the Rey Juan Carlos University. His academic interests are libre software and how corporations relate to it. He is also interested in global software development in libre software environments and enabling technology through libre software. He works at the GSyC/LibreSoft group as an Research and Development (R&D) Project Manager on national and European projects, such as Calibre, Edukalibre, FLOSSWorld, Morfeo, Vulcano, Qualipso, FLOSSInclude and Tree. As part of his duties in the group he also participates in technical consultancy on libre software and coordinates teaching in the Master on Libre Software organized and run by GSyC/LibreSoft. He is a member of the Qualipso Network Board that manages the Qualipso Network of competence centres and of the NESSI OSS Working Group. He was a guest researcher at the University of Leeds (UK) and at the Irish Software Engineering Research Centre (Lero) at Limerick University in Ireland.

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## Stefano Scamuzzo



Stefano Scamuzzo has been working in IT field since 1989.

Initially involved in European research projects on hypertext technology, he then undertook the technical management of complex projects in several technological areas such as document and workflow applications, web based applications, enterprise portals and business intelligence applications.

He is presently Senior Technical Manager in the Research and Innovation Division of Engineering Ingegneria Informatica and member of the SpagoWorld Executive Board, mastering the domains of Service Oriented Architecture and Business Intelligence with a particular focus on open source solutions. He teaches training courses on Service Oriented Architecture at the Engineering Group ICT Training School in Italy.

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## Gabriele Ruffatti



Architectures & Consulting Director, Research & Innovation Division, Engineering Group

Gabriele is director of Architectures & Consulting at Engineering Ingegneria Informatica, Italy. With over 27 years of experience in IT field, he held senior management positions at the holding company of Engineering Group, an IT global player and Italy's largest operator in the IT services market. Active in project and product management activities, software process improvement & quality assurance, and in the architectural solutions definition, he contributed to the development of the corporate quality system and to the achievement of ISO 9001:2000 and CMMI certifications.

He launched the open source SpagoWord Initiative of Engineering ([www.spagoworld.org](http://www.spagoworld.org)), in 2004. Gabriele coordinates open source related activities at Engineering and is currently member of the SpagoWorld Executive Board and of the OW2 Consortium Board ([www.ow2.org](http://www.ow2.org)). Ruffatti has been Adjunct Professor for open source at the Department of Mathematics, Computer Science Master Degree, University of Padua, Italy from 2006 to 2008.

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## Jean-Bernard Stefani



Jean-Bernard Stefani is Ingenieur General des Mines and a research director at the INRIA Grenoble-Rhone-Alpes (one of the centers of the French National Institute for Research in Computer Science and Control), where he leads the Sardes research team on the construction of reflective distributed software systems. Prior to joining INRIA in 2001, he was head of the distributed system laboratory at France Telecom R&D.

His current research interests include: component-based software engineering, distributed systems and languages, process calculi and operational semantics. Jean-Bernard Stefani is a graduate from Ecole Polytechnique, Ecole Nationale Supérieure des Telecommunications, and University of Paris VII.

## Session

OSS and the benefits, 9:30-10:15, Day 1, Room Makalu.

The talk will discuss well known general benefits of free software; will share some reflections and experience concerning the use of free software as a vehicle for knowledge transfer and industrial exploitation of research results; and will discuss the interest of free software for software infrastructures.

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## Cédric Thomas



A strategy consultant with twenty-five years of experience in IT industry, Cédric Thomas took the CEO job at OW2 after driving the launch of this open-source organization. Previously, as both an investor and consultant with FronTier Associates, the consulting company he founded in 1997, he contributed to the launch of several technology start-ups, actively took part in three IPOs, and provided strategy consulting to several global players in the software, hardware and services sectors.

## Session

OSS and the Communities, 14:15-15:00, Day 1, Room Makalu.

Initiated by Richard Stallman in the early eighties and drawing to a large extent from the peer-review practice of the academic world - and grass root communities supported by picturesque descriptions of independent developers voluntarily contributing to software projects for the sake of fun and recognition --, the free software movement has paved the way for mainstream commercial open source offerings many of them supported by efficient open source organizations operating as real business ecosystems platforms. In this context, the best strategy for academic stakeholders willing to leverage open source with an industry perspective is probably to set up their own communities within the framework of established open source organizations.

## Web link

[www.ow2.org](http://www.ow2.org)

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## Stéphane Ubeda



**Stéphane Ubeda is the Director of Technological Development Department of INRIA.**

With an IT PhD from the *Université Claude Bernard* of Lyons, Stéphane Ubeda began his career as senior lecturer at the *Université Jean Monnet* of Saint-Etienne and as a member of the *Laboratoire d'Informatique du Parallélisme* [Computer Parallelism Laboratory] of the *Lyons Ecole Normale Supérieure*. He works in the parallel algorithm field within INRIA's REMAP project-team.

## Session welcome message

In the year 2000, he became a University professor at the Lyons *Institut National des Sciences Appliquées* [Applied Sciences National Institute] where he was in charge of setting up a research laboratory in the fields of telecommunication and distributed systems and networks. Alongside this, he managed the *Centre d'innovations en télécommunications et intégration de services* [Center for innovations in telecommunication and service integration] until September 2009.

Throughout this period, he set up and managed the INRIA ARES project-team. From 2008 onwards, he joined the AMAZONES project-team.

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## Geneviève Fioraso



**Member of the French Parliament**

**1st Vice-President of the Grenoble metropolitan area** in charge of economic development  
Deputy Mayor of the City of Grenoble in charge of economy, university and research CEO of Minatec Entreprises

Graduated in English and economics, Geneviève Fioraso's career has always been **focused on innovation**, which she considers as being the cornerstone of a sustainable and dynamic economic development with **creation of added value jobs**. She carried this belief working both in the public and private sectors.

**European project coordinator** at Corys, a start-up of CEA developing simulators for nuclear power plants and transport from 1989 to 1995, she then becomes Director of Cabinet of the Mayor of Grenoble for the next 4 years. In 1999, she launches the **Agence Régionale du Numérique**, aiming at the development of software and microelectronic technologies and their diffusion toward SMEs in the Rhone Alpes Region.

## Session welcome message

In 2001, she is elected **deputy mayor of the City of Grenoble** as well as 1st Vice-President of the Grenoble metropolitan area in charge of economic development, innovation and universities. She still holds those positions today.

Having actively supported the **Minatec Center of Excellence**, she is offered in 2003 the position of CEO of Minatec Entreprises, the company renting lab space and state of the art services to companies within Minatec. Minatec Entreprises is now entering a second development phase, allowing the company to double its capacity.

In 2007, elected member of the French Parliament, she sits at the **Parliament Office for the Evaluation of national Scientific and Technological Choices** (OPECST).



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