



# ABCDE Seminar II

24-25 October 2012  
Inria Sophia Antipolis (France)

# ABCDE

## Speakers and Chairs



**Pierre Guisset**  
Senior consultant at ERCIM Office (Belgium)

**Title of the presentation:**  
Chair of the 2<sup>nd</sup> ABCDE Seminar

**Short Bio:**

Pierre Guisset was graduated in Civil Engineering in 1980 and in Business Administration in 1983 from the University of Louvain, Belgium. After being researcher during 5 years focusing on applying Operations Research in Engineering modelling technologies, he joined Dynamic Engineering NV, a start-up company. In 1990, he founded Numerical Integration Technologies NV which rapidly became the world leader software provider in numerical acoustics. The company merged with LMS International where Pierre became leader of the Virtual Prototyping business unit, and has been managing or involved in several EC-funded projects. In 2002, Pierre took over the general management of CETIC, the Belgian ICT research centre, and took a key position in large FP6/FP7 projects such as CoreGRID and BEinGRID. Since 2008, Pierre manages the ERCIM office in Brussels.



**Jérôme Chailloux**  
Manager at ERCIM (France)

**Title of the presentation:**  
Welcome speech

**Short Bio:**

Jérôme Chailloux worked at the French National Institute for Research in Computer Science and Control (INRIA), from 1980 to 1987, as a researcher and became research director, whilst occupying several teaching positions (École Polytechnique, CERICS). He worked in the areas of automatic VLSI circuit design, software engineering and knowledge-based systems, and is the main inventor and developer of the programming language Le-Lisp, specialising in artificial intelligence. From 1987 to 1995, Jérôme Chailloux co-founded the software company ILOG, taking on the roles of Chief Scientific Officer and Director. From 1995 to 2001, he was Chief Information Officer of the genomics company GENSET and led one of the largest European team of bioinformaticians. Since May 2005, he is Manager of the European Economic Interest Grouping (EEIG) ERCIM, the European Research Consortium for Informatics and Mathematics and Site Manager of the World Wide Web Consortium (W3C) Europe.



## Claude Kirchner

Executive Officer for Research and Technology Transfer for Innovation at INRIA (France)

### **Title of the presentation:**

Welcome speech

### **Short Bio:**

Claude Kirchner has worked as a high school mathematics teacher, associate professor in computer science, research scientist at the French National Centre for Scientific Research, and, since 1988, has been a research director at Inria. His scientific interests and contributions focus on logical and semantic foundations, particularly based on rewriting, for the design and implementation of robust and secure systems. He contributed to the emergence of deduction modulo concepts and of the rewriting calculus. Starting in 1992, he created and directed the Protheo project-team in Nancy. He was a joint winner of the 2002 Academy of Sciences grand prize for the Franco-Chinese cultural foundation. He has chaired the scientific and evaluation councils of the programs of the ministry then of ANR (the French National Research Agency) in security and informatics. He has been director of the Inria Bordeaux – Sud-Ouest research center from 2008 to 2010 and is Inria's CEO for science and technology since September 2010.



## Tore R. Jørgensen

Coordinator ICT research at NTNU (Norway)

### **Title of the presentation:**

Chair of the Fellows' ice breaking session

### **Short Bio:**

Since 2002, Tore R. Jørgensen is a Senior Advisor at of Faculty of Information Technology, Mathematics and Electrical Engineering and also coordinator for ICT-research at NTNU. He was involved in several international conferences linked to "Education and training". He also published some articles concerning "Lifelong Learning", "Flexible Education" and innovation.

### **Short description of the presentation:**

The session will be an interaction between the participants and speaker. The outcome should be that participants should be familiar with each other to some extent. Their ambitions are to form their own future, but also to contribute to the future of Europe.



## Eric Chareyre

Talent detection project manager & Career executives' advisor at Inria

### **Title of the presentation:**

Employment Testing

### **Short Bio:**

Education: Clermont-Ferrand graduate school of management, MBA (1994)

Occupation: Talent detection project manager & Career executives' advisor at Inria

Occasional teacher in Clermont-Ferrand graduate school of management

Member of the Global Talent Club.

### **Short description of the presentation:**

There are many different types of personality tests used by employers to select employees based on scores from these tests. T. Hendrickson developed the "Personal Profile Analysis (PPA)" based on Marston's theory. W. Marston contributed to the DISC assessment (characteristics of behavior can be grouped into four major behavior styles).



## Barthélemy Durette

Research and Development Project Manager at Adoc Talent Management (France)

### **Title of the presentation:**

Career Management

### **Short Bio:**

Barthélemy Durette has a PhD in Cognitive Sciences from the University Joseph Fourier in Grenoble. Since 2011, he has been working as a R&D project manager for Adoc Talent Management, the first recruitment consultancy specializing in PhDs.

### **Short description of the presentation:**

This session will address the questions of PhD skills, job opportunities and career and deal with the means for PhDs to build their careers, to find information about job opportunities in Europe and to present their professional added-value during a recruitment process.



## Sebastian Surma

Investment Manager at Fraunhofer Venture (Germany)

### **Title of the presentation:**

How to successfully start your own high-tech company

### **Short Bio:**

Sebastian Surma works as an Investment Manager at Fraunhofer Venture, which is the venture capital arm of the Fraunhofer Society. In his position he is responsible for founding new IT-related start-up companies and for managing a portfolio of currently 15 high-tech firms that have been spun out of scientific research. In his earlier engagements he worked for the Financial Services Division of the BMW Group in Munich and in the Sales Management Division of IBM. Additionally, he has acquired hands-on experience in Internet-related businesses, where he was involved as a systems developer and company founder. Prior to his professional career, Sebastian studied Business Administration and Information Systems at the University of Cologne.

### **Short description of the presentation:**

Scientific research is interesting, challenging and very useful. Many scientists and researchers perceive their work as a vocation rather than an ordinary job and pursue it with all their passion. Their eventual goal in many cases is the widespread adoption of their scientific results. As there are many different ways to achieve this goal, there is one way that, no doubt, stands out: commercializing your results by building your own high-tech company. In this lecture you will learn about some valuable concepts and methods, which could prove helpful to your ambition to successfully market your individual ideas and research results. It is a glimpse into the experiences that we at Fraunhofer Venture have collected in 12 years of operation with more than 120 start-up's that we have been involved in.



## Thierry Viéville

### **Title of the presentation:**

Science Outreach in Computer Science: the reason why and the how to.

### **Short Bio:**

Thierry Viéville is a Researcher Senior at Inria (National Research Institute in Computer Science and Control Theory) where he works in Computational Neurosciences, while he teaches and advices PhD students. He is a Bio-Medical Engineer from the Ecole Nationale Supérieure des Telecommunications (Bretagne and Paris), with a master in Mathematics, a master and a Ph.D. in Neuro-Science, and the Habilitation to Conduct Researches in Engineering-Science. His research interests after Computer Vision is now Computation Neurosciences, more precisely Visual Perception, Motion Analysis and Adaptive Processes. He advised more than ten PhD students and participated in several international collaborations (EEC projects ...) with WP responsibilities. He also helps the Inria board regarding Scientific Culture. In truth, he is a failed pop star who now makes a living as a researcher.

### **Short description of the presentation:**

Our society undergoes a "digital transformation" whose consequences are far from being understood and managed, and the research work in computer sciences strongly impacts this revolution, upstream from the huge digital commercial structures. Facing this challenge, as actors of science outreach, we, Inria members and related partners, want to share our knowledge and expertise so that each of us can understand this digital world we nowadays live in. This includes being able to build our own citizen opinion on social issues related to technology arising from such research. To complete this process, while Inria new directions are being set up, we begin a process of dialogue and listening of a large public audience regarding the research and applications related to our work. This initiative is only at an experimental level. But whatever its outcome, it will be a transparent process and a very interesting experience.



## Carlos Martín-Vide

Research Programme Officer in European Research Council Executive Agency (ERCEA)

### **Title of the presentation:**

ERC Starting Grants and Consolidator Grants

### **Short Bio:**

PhD in linguistics, PhD in mathematics, Full professor in the University of Tarragona (Spain) until 2007, with research activity in language and automata theory, molecular computing and mathematical linguistics. In the ERC since 2007 in charge of the evaluation panels in mathematics and computer science.

### **Short description of the presentation:**

The main elements of the programme to fund 5-year projects by young researchers (up to 6 years after PhD) in any discipline will be presented.



## Paola Goatin

Inria Researcher

### **Title of the presentation:**

ERC Starting Grant experience: "Traffic Management by Macroscopic Models"

### **Short Bio:**

Paola Goatin held a PhD in Functional Analysis from the International School for Advances Studies in Trieste (Italy), and a Habilitation (HDR) in Mathematics from Toulon University (France). She has been assistant professor at Toulon University during 7 years, before joining INRIA as research scientist two years ago.

### **Short description of the presentation:**

Paola Goatin will briefly retrace her personal experience as a scientist and ERC Starting Grant Fellow. Then she will illustrate the main lines of the project and some of the results obtained so far.



## Alan Craig

Seconded National Expert at Research Executive Agency of the European Commission (Belgium)

### **Title of the presentation:**

The People programme, from the end of FP7 to the beginning of H2020

### **Short Bio:**

Alan Craig, for much of his professional career, was a mathematics professor in the UK. He is a former (1993-95) ABCDE fellow. Five years ago he joined the European Commission as a detached national expert to the Marie Curie programme. Since 2010 he has been working in the commission's Research Executive Agency where he has particular responsibility for the COFUND programme.

### **Short description of the presentation:**

Alan Craig will describe the remaining calls for funding that will be available in the last year (2013) of the PEOPLE programme and describe the transition to Horizon 2020.



## Siri Granum Carson

Associate Professor at NTNU (Norway)

### **Title of the presentation:**

Ethical and Intellectual property issues

### **Short Bio:**

Since 2009 an Associate Professor at the Programme for Applied Ethics, NTNU (Norwegian University of Science and Technology), Trondheim. Before this I was a PhD student and research fellow at the Department of Philosophy, NTNU. PhD in Philosophy from 2008, NTNU. PhD thesis on the topic of freedom of agency. Since then I have worked primarily on CSR/business ethics, and have published articles and a Norwegian introductory book on this topic. I also teach and work on research ethics through my position at the Programme for Applied ethics, and through my post in the Regional ethics committee for health research in Mid-Norway.

### **Short description of the presentation:**

Her presentation on research ethics will focus on the intersection between regulations and personal judgment. Central topics will be IPR, conflicts of interest, loyalty and openness. She will make a short introduction on these topics before presenting some specific cases for discussion. The point of departure for the discussions will be challenges brought about by collaboration over national, cultural, and disciplinary borders.