Philips International Institute, 1957-1989
Eindhoven International Institute, 1990-1994

2010 Sharing Experiences @ 50+ Years of PII

Eindhoven University of Technology (TU/e)

September 30th 2010, Eindhoven – The Netherlands

This document provides information to the participants of 2010 "Sharing Experiences" @ 50+ Years of PII Conference which comprises the following:

Additional Information

Conference Sponsor

Prof. Dr. Ir. Ton Backx (Dean of the Department of Electrical Engineering)

Joost van den Brekel (TU/e Alumni Relations and University Fund)

PEIAA 2010 Sharing Experience – Team

Rodolfo Gomes (Project Manager)

Gloria Túquerres (Conference Manager)

Javier Aprea (Support Manager)


TU/e welcomes
2010 Sharing Experiences" @ 50+ Years of PII
Philips International Institute, 1957-1989
Eindhoven International Institute, 1990-1994
PII – EII
Dommel
AUD
HG
Den Dolech
De Wielen
ZD
VRT
HAL
KP
Zwarte Doos
NS station
Art Hotel
Piazza Center
Stationsplein
Mathildelaan
Witte Dame
Admirant

2010 Sharing Experiences @ 50+ Years of PII

Eindhoven University of Technology (TU/e) – (De Zwarte Doos)

Thursday September 30th 2010, Eindhoven – The Netherlands

08:15 - 21:15

Conference Program

Morning – Professional Experiences	
8:15	***Participants registration at De Zwarte Doos, TU/e***
8:45	**Opening of Activities** Rodolfo Gomes, Chairman PEIAA
9:00	***Welcome*** Prof. Dr. Ir. Ton Backx, Dean of the Department of Electrical Engineering
9:15	***Alumni Exchange in Former Days and Today: Future Trends*** Prof. Ir. A. Heetman – Last Director of EII, The Netherlands
9:45	***From Electronic Products Development to Human Resource Development, & Much More In Between*** Mian Asim Aziz (1973–1974) - Consultant at Descon Integrated Projects (Pvt.) Limited, Pakistan
10:00	***Yesterday, Today and Tomorrow of Our Experiences with PEIAA, in a nutshell*** Sayil Dincsoy (1966–1967) – CEO Elektral@Inc., Turkey
10:15	***20 years of adventure in image processing: it all started here!*** Oge Marques (1988–1989) – Associate Professor of Computer and Electrical Engineering & Computer Science at Florida Atlantic University, Boca Raton, FL, USA
10:30	***Coffee Break***

10:45	***Life After PII*** Cho Lun Wong (1967–1969) – Independent Telecommunications Professional, Hong Kong
11:00	***Adventurous Career Profile*** Singh Tejinderbir Buxi (1969–1970) – Director - Business Excellence @ Philips Healthcare, Best, The Netherlands
11:15	***From Atoms to Zippers*** Ricardo Hadis (1967–1968) – CEO RH&Co., Argentina
11:30	***Sustainability*** Ashok Saraf (1973–1975), Jain Irrigation Systems Ltd., India
12:00	***Lunch***
Afternoon – Research and Technologies	
13:30	***Sharing Experiences: From PII to PhD research – Measurement of Innovation*** José Coelho Ramos (1967–1968) – Consultant at Portugal Telecom and Professor at Universidade Autónoma de Lisboa, Portugal
13:45	***High-Altitude Platform System (HAPS) as complement to Communication Satellites*** Jacob Gavan (1967–1969) – Head of the Communication Engineering Department at Sami Shamoun Engineering Institute (SCE), Professor and Volunteer Consultant, Israel
14:00	***Information Technology (IT) meets Biotechnology (BT)*** Vijay Ghate (1971–1973) – Chief Technical Officer, BioAnalytical Technologies, India
14:30	***Coffee Break***

14:45	***Research Computer Vision*** Mubarak Shah (1980) – Agere Chair Professor Department of Electrical and Computer Science University of Central Florida, USA
15:00	***Talent versus Networking power on the New Globalization Era*** Rodolfo Gomes (1987–1988) – Senior Support Engineer NXP Semiconductors Netherlands Branch Office, Italy
15:15	***The perfect storm, blooming networked organizations*** Freddy Snijder - CEO Visionscapers, The Netherlands
15:30	***Panel: "Social Networking"*** Moderated by Joost van den Brekel, Alumni Relations and University Fund TU/e
16:45	***Key Note Speech*** Mr. Gerard Kleisterlee, CEO Royal Philips Electronics
17:15	***Closing of Conference and Group Photo***
17:30	***Cocktail at De Zwarte Doos***
18:15	***Conference Delegates and partners are invited to join dinner at University Club***
21:15	***Closing of Day 1***

2010 Sharing Experiences @ 50+ Years of PII

Eindhoven Tour

Thursday September 30th 2010, Eindhoven – The Netherlands

08:15 - 21:15

Partner's Program

8:15	***Participants registration at De Zwarte Doos, TU/e***
8:45	***Getting together*** Valentina Gomes
9:00	***TU/e Campus Tour***
10:30	***Meeting at Flying Pins*** English-speaking Guide from VVV: Mrs. Ted Dekker +31-6 215 355 20
11:00	***Eindhoven walking tour by VVV***
13:00 Lunch at Restaurant Usine, lichttoren 6 Eindhoven	
15:15	15:15 Tour at Philips Lamp factory, meeting point: Philipsfabriekje, Emmasingel 31 Eindhoven
17:30	***Cocktail at De Zwarte Doos***
18:15	***Conference Delegates and partners are invited to join dinner at University Club***
21:15	***Closing of Day 1***

2010 Sharing Experiences @ 50+ Years of PII

Technical Visits

Friday October 1st 2010, Eindhoven – The Netherlands

08:30 - 22:00

Visit's Program

8:30	***Meeting at Art Hotel lobby and walking to LAC***
8:45	***Welcome*** Anton Brummelhuis, Philips Lighting
9:00	***Visit to LAC*** Philips Lighting Application Center
10:30	***Take bus 407 at Witte Dame towards High Tech Campus (HTC)***
11:30	***Walking around The Strip***
12:00 Lunch at The Strip	
13:30	***Walking towards NXP***
14:00	***Visit to Next Experience Lab (NXL)***
16:00	***Take bus 407 at HTC / The Strip towards Witte Dame***
16:30	***Walk to PSV Stadium***
16:45	***Guided Tour of PSV***
18:45	***Walk to Restaurant***

19:30	***Dinner Buffet at Boon Restaurant***
22:00	***Closing of Day 2 and Farewell***

2010 Sharing Experiences @ 50+ Years of PII

Free program

Friday October 1st 2010, Eindhoven – The Netherlands

08:30 - 22:00

Partner's Program

8:30	***Free program***
16:30	***Walk from Witte Dame towards PSV Stadium***
16:45	***Guided Tour of PSV***
18:45	***Walk to Restaurant***
19:30	***Dinner Buffet at Boon Restaurant*** Willemstraat 61
22:00	***Closing of Day 2 and Farewell***

Abstracts and Professional Profile of Speakers

Morning – Professional Experiences

From Electronic Products Development to Human Resource Development, & Much More In Between

Mian Asim Aziz (1973- 1974) - Consultant at Descon Integrated Projects (Pvt.) Limited, Pakistan

Abstract & Professional Profile

Mr. Aziz has developed his career in Pakistan where he works currently as a consultant for development of leadership and innovation skills of technical staff. After his studies by PII in 1973, he worked as an Instrument Engineer by fertilizer manufacturing company during five years. Then, he moved to his current company that provides design and construction services in the chemical, petrochemical, and power generation industries. The talk will be on his long and eventful professional experience after leaving PII in 1974.

Yesterday, Today and Tomorrow of Our Experiences with PEIAA, in a nut shell

Sayil Dincsoy (1966–1967) – CEO Elektral@Inc., Turkey

Professional Profile

Mr. DINCSOY, M.Sc.in Phy.& Elo.Eng., was born 1942 in Turkey. His worked on the establishment of Ankara and Izmir TV stations at the national TRT-Turkish Radio Television. He was awarded by NEBUTA and Thomson Press Foundation to have postgraduate study in The Netherlands and Scotland. After having worked at private sector he worked as partner and project manager, in the establishment of the first continuous TV & components factory of Turkey (ies-KORTING) in 1972 and of the İzoper Bakaklize Endüstrisi A.S. (Copper clad Laminate production / phenolic&epoxy) in 1977.

In 1978 he start his owner company, a family enterprise, Elektral Elektromekanik Sanayi ve Ticaret A.S. to produce electronic equipments mainly METAL DETECTORS for security and various VENDING MACHINES. Additional information of the company at http://www.elektral.com.tr/

20 years of adventure in image processing: it all started here!

Oge Marques (1988–1989) – Associate Professor of Computer and Electrical Engineering & Computer Science at Florida Atlantic University, Boca Raton, FL, USA

Abstract

During his studies at Philips International Institute and practical work at Philips Research Laboratories he was introduced to a field of studies and research of image processing that become the predominant theme for his professional career.
In this talk, he will share stories of how he have spent the past 20+ years of professional life: teaching, writing, and doing research in image processing and related fields, in different countries, languages, and circumstances, and how it all started in 1988 at PII (with his very first course on the topic) and NatLab (with two practical work periods and a Master's Thesis on optical character recognition – OCR).

Professional Profile

Mr. Marques is an Associate Professor and Associate Chairman in the Department of Computer and Electrical Engineering and Computer Science at Florida Atlantic University in Boca Raton, Florida, USA. He received his Ph.D. in Computer Engineering from Florida Atlantic University in 2001, his Masters in Electronics Engineering from Philips International Institute (Eindhoven, NL) in 1989 and

his Bachelor's Degree in Electrical Engineering from UTFPR (Curitiba, Brazil), where he also taught for more than 10 years before moving to the USA. His research interests include: image processing, analysis, annotation, search, and retrieval; human and computer vision; and video processing and analysis. He has more than 20 years of teaching and research experience in the fields of image processing and computer vision, in different countries (USA, Austria, Brazil, Netherlands, Spain, France, and India) and capacities. He is the (co-) author of 4 (four) books in these topics, including the forthcoming textbook “Practical Image and Video Processing Using MATLAB” (Wiley, 2011). He has also published several book chapters and more than 50 refereed journal and conference papers in these fields. He serves as a reviewer and Editorial Board member for several leading journals in computer science and engineering. He is a senior member of the ACM, senior member of the IEEE, and a member of the IEEE Computer Society, IEEE Education Society, and the honour societies of Tau Beta Pi, Sigma Xi, Phi Kappa Phi and Upsilon Pi Epsilon.

Life After PII

Cho Lun Wong (1967–1969) – Independent Telecommunications Professional, Hong Kong

Professional Profile

Mr. Wong was born in 1943 in Hong Kong. He has a B.Sc. in Electrical Engineering from the University of Hong Kong and the Master Degree in Electronic Engineering from the Philips International Institute.

In 1969, he joined Bell-Northern R&D Laboratories, which later grew into Nortel Networks from where he retired in 2002. He worked in several positions such as the planning and design of electronic and digital telephone switching systems including the DMS family of digital switches, the investigation of opportunities for local applications for fiber-optic technology, the Display-phone product management, the ISDN technology and its applications planning and the RTP, USA on DMS strategic planning and technical marketing. In 1975, he left the company for one year to work for the United Nations Development Program in Brazil. Currently, he is a consultant in Telecommunications in Hong Kong.

Adventurous Career Profile

Singh Tejinderbir Buxi (1969–1970) – Director - Business Excellence @ Philips Healthcare, The Netherlands

Professional Profile

Mr. Buxi was born India where he obtained his degree in Electronics & Communications Engineering, as a Gold Medalist, from IIT, Roorkee, in 1969. In 1970, he graduated in the Philips International Institute and joining immediately to Philips as an Application & Design Engineer at the Central Applications Lab & later TV Dev Lab, in Eindhoven. Working for Philips, he has participated in several projects in India, Singapore, France and Belgium. Currently he is the Director of a team BBS / MBB in Philips Medical System in Best.

From Atoms to Zippers

Ricardo Hadis (1967–1968) – CEO RH&Co., Argentina

Abstract and Professional Profile

Far from a scientific paper, and from technical excellence, Mr. Hadis will try to convey some of the highlights in his career and his personal life. Mr. Hadis was born in Buenos Aires, Argentine in 1943. He has a degree in electromechanical engineer, university of Buenos Aires in1967 and the PII diploma in 1968.

Soon after PII and back in Argentina in 1968, the National Atomic Energy Commission hired him. After making several interesting circuits, participating in seminars and writing a few papers, he made

a decision to switch to the private industry. A zipper-making factory hired him in 1973. Due to the deep financial crisis in 1979, he lost his job, but this turned into an opportunity to apply his technical knowledge as a consultant to his former competitors. He widened his fields of work, and this is what he keeps doing till now.

Sustainability

Ashok Saraf (1973), Jain Irrigation Systems Ltd., India

Abstract and Professional Profile

Afternoon – Researches and Technologies

Event-related electrical responses of the brain

Pekcan Ungan (1967–1968) – Member at Turkish Academy of Sciences, Turkey

Abstract

Reflecting the continuous neural activity in the brain, some electrical signals can be recorded by means of electrodes placed on the surface of the head. These basically stationary and random signals are contributed by some transient potentials when the brain is subjected to sensory and/or cognitive stimuli. Such transient potentials, which appear as positive and negative waves that are time-locked to stimulus onsets, are considered to be the electrical responses of the brain to the stimulating event. These two types of electrical signals, which are called EEG (electroencephalogram) and ERP (event-related potential), respectively, exhibit correlations with the functions and states of the brain and are widely used in basic psychological studies of sensory and cognitive processes as well as in clinical research on neuro-psychiatric disorders.

Mr. Ungan will give a short summary of how these electrical signals are generated in the brain and recorded from the scalp, and how their temporal and spatial characteristics are analyzed, giving special emphasis to their characteristics which bear information about their neural sources, dynamics and functional correlates. He will also provide a few examples coming from the literature on brain/computer interface (BCI) and from the EEG/ERP research he has carried out at the Brain Research Labs of Hacettepe University of Ankara.

Professional Profile

Mr. Ungan was born in Turkey in 1941. Besides the PII diploma he has a degree in engineering of the Istanbul Technical University, Department of Electronics & Communications and a Ph.D. degree in Biophysics of Hacettepe University, Faculty of Health Sciences. He is full member of the Turkish Academy of Sciences and Professor of the Hacettepe University, department of Biophysics. His research interests include EEG and evoked potentials of the brain, auditory system and sound lateralization, and analysis of biomedical signal.

Sharing Experiences: From PII to PhD research – Measurement of Innovation

José Coelho Ramos (1967–1968) – Professor, Universidade Autónoma de Lisboa, Portugal

Abstract

Mr. Coelho Ramos will have a talk on the subject of his PhD thesis. The scope of this thesis is to propose a method for the measurement of innovation. Being a relativistic measure, it is chosen to measure innovation in a process, and evaluate the global result in the organization. During the dynamic evolution of the process, it is measured the action needed for its achievement. When the action is reduced, then there is an innovation. When this condition is not fulfilled, there is a new

action and not an innovation.
To prove this thesis, the measurement of action was established as a method to measure innovation. Action is defined as the product of two parameters, energy and time. The energy needed to achieve a task and the time period used to achieve all operations of the global process, are the measured parameters. Data was collected to measure action, during a long time period, in two telecommunications companies, Portugal Telecom and Telefónica of Spain.

Using spectral analysis, Fourier transform, characteristic periods of oscillation in the results were found. Data correlation was analysed, being related to evolution of technologies, processes, organization and social environment.

Traditional indicators of innovation are considered to be particular cases of action measurement. The application of the action concept for the measurement of innovation, shows that it possible to obtain a result which is functional and easy to compare. Action measurement is also applied to measure the effort productivity to reach innovation. Innovation is considered as a management tool to measure the organization efficacy.

Professional Profile

Mr. Ramos, has a PhD on Production engineering and industrial management from the Universidade da Beira Interior Covilhã, Portugal (2005), Pos-graduation course in digital electronics and telecommunications from Philips International Institute, Eindhoven, Netherlands (1968) and Degree in electronics and telecommunications engineering, Instituto Superior Técnico, Lisboa, Portugal (1967).

His professional career start in 1971 at the Standard Eléctrica (subsidiary of ITT) in Portugal, as software designer supporting production of semiconductors. Then, in 1977, he joined to Olivetti Portugal as a technical manager. In 1984, he moved to Informatica Geral where he is responsible of the manufacturing of Information systems. Since 1986, he works for Portugal Telecom in the Quality of Service management. Also, he gives lectures on information systems, computers and telecommunications to private universities in Portugal.

High-Altitude Platform System (HAPS) as complement to Communication Satellites

Jacob Gavan (1967-1969) – Head of the Communication Engineering Department at Sami Shamoun Engineering Institute (SCE), Professor and Volunteer Consultant, Israel

Abstract

Terrestrial Wireless Systems are limited by short operation distances, shadowing and in many cases by worst Raleigh statistic distributions. In comparison GEO and LEO Satellites can provide long distance communication with favorable Line of Sight (LOS) Rician statistic distribution, but limited by tremendous dispersion losses and time delays due to distances that affect frequency bandwidth and performances and requires sensitive receivers and expensive equipment.
High Altitude Platforms (HAPS) at altitudes around 20 km above ground may overcome the mentioned limitations. However long eclipse intervals due to the earth shadow on HAPS are the sources of energy supply problems. A possible solution may be a microwave power supply to HAPS from ground stations.

The feasibility of this technology including the recent status and the advantages of HAPS for several applications will be presented; that is, a comparison between radio communication and remote sensing using GEO and LEO satellites, terrestrial radio systems and HAPS and it will conclude with recent trends in HAPS design and developments.

Professional Profile

Dr. Gavan is Professor on Satellites Communications and active member of the research community of RF systems. He is an IEEE fellow from 1995 and Distinguish Lecturer of the communication society, further he is IEEE chairman of students activities in Israel. He also participate actively at URSI where he is co chairman of 2 working groups and co-editor of 2 special issues on High Altitude Platforms (HAPS) for the URSI RSB journal being published this year.

Information Technology (IT) meets Biotechnology (BT)

Vijay Ghate (1971–1973) – Chief Technical Officer, BioAnalytical Technologies, India

Abstract

Biotechnology, using biological systems, living organisms, or derivatives, is finding applications in a number of fields. New products and processes are being invented in industry, environmental sciences, medicine, and agriculture. Revolutionary changes are anticipated, thanks to research in life sciences that are expected to greatly improve the quality of life in general. Information Technology has been and will continue to be an important enabler in the progress of Biotechnology and Life sciences.

The information technology challenges include: large amount of experimental data from complex instruments, diversity in the type of data sources and the data, to derive meaning from Sequences, Structures, Patterns, Similarity and Variation, ... etc. The business model of Bio-Analytical Technologies, a company located in Pune, India is base on the confluence of Information Technology and Biotechnology. The presentation will include the challenges faced, solutions and a case study.

Professional Profile

Mr. Vijay Ghate holds Bachelor's Degree in Electronics and Telecommunications from the University of Pune and is a recipient of a Gold Medal for securing first rank among students in all branches of engineering. He also holds a Master's Degree in Electronic Engineering from the Philips International Institute, Eindhoven, the Netherlands. Mr. Ghate worked for nearly twenty years for Philips India Limited. Starting as a development engineer in the ELA development laboratory, he headed the Development Laboratory of the Industrial Electronics Division. He was involved with activities such as Testing and Measurement, Industrial Automation, Communication Systems, Professional Audio and Medical Systems.

After leaving Philips India, Mr. Ghate, along with other professionals, established a consulting company where he managed consulting in Technology Management, R&D Management, Product Development, Quality Management, Information Technology and Computer education. He subsequently joined the Indian Subsidiary of Magic Software Enterprises as Technical Director. Mr. Ghate also had a brief stint in Accra, Ghana for about one year, where he worked as a consultant and project leader for the capacity building program in Quality Management with AMSCO B.V. (African Management Services Company).

Currently, Mr. Ghate is the CTO of, Bio-Analytical Technologies Pvt. Ltd., a Company engaged in Software Development and allied Services in the domain of Biotechnology, Life Sciences and Healthcare. He is active contributor in collaboration between Industry and Educational Institutions. He is also a member of the Board of Governors of Shri Guru Govind Singhji Institute of Engineering and Technologies, Nanded, India.

From Speech Recognition to Computer Vision

Mubarak Shah (1980) – Agere Chair Professor Department of Electrical and Computer Science University of Central Florida

Abstract

In the talk, Mr. Shah will provide a glimpse of his research on computer vision at the University of Central Florida. The research is focused on automatic analysis of video sequences, which involves detection of objects of interest, tracking of those objects from frame to frame, and finally recognition of behavior of such objects.

His first exposure to research was at one of research labs at Philips, working on a project in speech recognition during the summer of 1980. One year later, he started his Ph.D. in Computer Vision area, which deals with understanding of images and video. Subsequently, he completed his Ph.D. in 1986, and joined University of Central Florida (UCF) where he founded The Computer Vision Lab.

Professional Profile

Dr. Mubarak Shah, Agere Chair Professor of Computer Science, is the founding director of the Computer Visions Lab at UCF. He is a co-author of three books (*Motion-Based Recognition* (1997), *Video Registration* (2003), and *Automated Multi-Camera Surveillance: Algorithms and Practice* (2008)), all by Springer. He has published extensively on topics related to visual surveillance, tracking, human activity and action recognition, object detection and categorization, shape from shading, geo registration, photo realistic synthesis, visual crowd analysis, bio medical imaging, etc. Mr. Shah is a fellow of IEEE, IAPR, AAAS and SPIE. In 2006, he was awarded the Pegasus Professor award, the highest award at UCF, given to a faculty member who has made a significant impact on the university, and has demonstrated excellence in teaching, research and service. He is ACM Distinguished Speaker. He was an IEEE Distinguished Visitor speaker for 1997-2000, and received IEEE Outstanding Engineering Educator Award in 1997. He received the Harris Corporation's Engineering Achievement Award in 1999, the TOKTEN awards from UNDP in 1995, 1997, and 2000; Teaching Incentive Program awards in 1995 and 2003, Research Incentive Award in 2003 and 2009, Millionaires' Club awards in 2005, 2006, and 2009, University Distinguished Researcher award in 2007, SANA award in 2007, an honorable mention for the ICCV 2005 Where Am I? Challenge Problem, and was nominated for the best paper award in ACM Multimedia Conference in 2005. He is an editor of international book series on Video Computing; editor in chief of Machine Vision and Applications journal, and an associate editor of ACM Computing Surveys journal. He was an associate editor of the IEEE Transactions on PAMI, and a guest editor of the special issue of International Journal of Computer Vision on Video Computing. He was the program co-chair of IEEE Conference on Computer Vision and Pattern Recognition (CVPR), 2008.

Control Systems, SCADA and Process Computers

Khalid Mahmood (1981-1981) – Senior Engineer and Newsletter Editor, IEEE Ottawa, Canada

Abstract

Mr. Mahmood will give a talk on the use of control mechanisms (automated by computers) in the fields of oil & gas, petrochemicals and power/energy. He has no hesitation in making a statement that modern era of complex machines such as various kind of flying objects, robots, automobiles factories, refineries, petrochemical plants, pulp & paper plants, oil& gas, energy management and power generation systems, medical systems, smart buildings all use some kind of control mechanism and can not exist with out it.

Professional Profile

Mr. Mahmood is graduated from Dawood College of Engineering and Technology in 1980, Having work by Philips in Karachi, he has the opportunity developed his skills at PII in 1981. After that he worked in software development and later he joined at the Japanese computer maker N.E.C. for their mid range and mainframe computer as Systems Engineer. After working for about six years in Karachi moved to Saudi Arabia in 1987 and got involved in research at the Research Institute of KFUPM in Dhahran for work in software development in assembler and ‘C’ language for DSP based applications. At this time, he also pursued his Master’s Degree in Computer Science at the associated University KFUP. After the Gulf crisis desert storm, he joined to Honeywell and started his career in DCS (Distributed Control Systems). In 1993, he moved to Canada where he developed and upgraded skills in several areas from York University Toronto. Currently, he works at the Elemental Collection Inc. in Ottawa.

Talent versus Networking power on the New Globalization Era

Rodolfo Gomes (1987–1988) – Senior Support Engineer NXP Semiconductors Netherlands

Branch Office, Italy

Abstract

Alumni from several spots of the world join international study programs every year, and PII-EII was one of these processes of international education aiming growth of expertise in developing countries. A big part of such international students have returned to their own countries, but many others have immigrated to different host nations, sometimes temporarily, sometimes definitely; some have decided to settle down, some others have become expats and relocate regularly.
This brings a lot of difficulties, since adaptation demands psychological strength and much intercultural management. This paper will:

- analyze major winning factors in the integration of expats which impact on the success of emigrated professionals;
- try to find out how much personal skill is important with respect to other factors;
- depict a geographic map of PEIAA alumni career development, obtained from a questionnaire distributed to PEIAA community prior to the conference.
- highlight what sort of balance, PEIAA alumni community has about their career development and relate it to different factors.

Professional Profile

Rodolfo Veltri Gomes has graduated at ITA in Brazil, in 1986, got his masters' degree at Philips International Institute in 1988, and his Italian Laurea at Università di Roma II Tor Vergata, in 1995. Since then, he was involved in the design and development of different RF technologies: ECM defense radar systems, broadcasting systems, bluetooth, wifi & power line communication, as well as RF amplifiers in MRI scanners. In January 2005, he joined NXP Semiconductors Sales office in Italy (former Philips Semiconductors), and since then he has been involved in RFID & NFC support and business development for several market sectors in Mediterranean area: contactless secure payments, retail transactions and Automatic fare collection in transportation. He is senior support engineer at NXP Italian team and coordinates activities of Mobility improvement in transport by deployment of Fare collection systems as well as creation of RFID ecosystems in Europe.

The perfect storm, blooming networked organizations

Freddy Snijder - CEO Visionscapers, The Netherlands

Abstract

This presentation will introduce Visionscapers.net, a networked innovation company in development enabling independent professionals and small companies to self-organize and develop innovations together, for themselves or for 3rd party clients.
It will be explained how Visionscapers.net itself is both an organizational- and a social-innovation. On the one hand it allows network members to stay small and independent, and thus efficient, flexible and passionate about their work. While, on the other hand, in the network, they have the same benefits of scale and diversity in knowledge, creativity and skills as a large traditional 'monolithic' company.

The presentation will pose how different technological and societal trends create the perfect setting for networked organizations such as Visionscapers.net to bloom.

Professional Profile

Freddy Snijder started Visionscapers to help clients spark new innovations and to develop innovations that leverages the networking capabilities in our modern society.

He has always worked on the initial stages of new innovations. Before he started working on Visionscapers full-time in April 2010 he worked for 9 years at Philips Research as a research scientist on new technologies, applications and product concepts for (multi-) media related consumer electronics. Freddy earned his M.Sc. in electrotechnical eng. at Delft Univ. of Technology in 1998.