

Rome - ITALY  
**29/30**  
October  
**2014**

# ICT Key Enabling Technologies at the service of European Citizens and Cities

Photonics – Micro/Nanoelectronics – LED Lighting for Smart Cities



Aula Convegni CNR  
Piazzale Aldo Moro, 7  
(entrance Via dei Marrucini)

29 October 2014 - ROME

## Photonics and Micro/Nanoelectronics: research excellence and industrial competitiveness to target societal challenges in Europe

10.00 - 10.30 REGISTRATION

10.30 - 11.00 OPENING

**Paolo Annunziato** - Director-General, CNR, Italy  
**Claudio De Vincenti** - Vice-Minister of Economic Development, Italy  
**Zoran Stančić** - Deputy Director-General, DG Connect, EC

Chair: **Enrico Macii** - Vice Rector, Politecnico di Torino

11.00 - 13.00 **SESSION 1 - ICT KETs: supporting Growth and Jobs while meeting Societal Challenges**

**Khalil Rouhana** - Director, Dir. A: Components & Systems, DG Connect, EC  
"ICT KETs in Horizon 2020: challenges and opportunities"

**Mike Wale** - Director Active Products Research, Oclaro UK, and EB Photonics21  
"Photonics: from excellent science to industrial leadership at the service of cities and citizens"

**Andreas Wild** - Director, ECSEL JTI  
"Micro and nanoelectronics: from excellent science to industrial leadership at the service of cities and citizens"

**Fred van Roosmalen** - VP External Relations NXP Semiconductors

Chair: **Wolfgang Boch** - HoU Photonics, DG Connect, EC

13.00 - 14.00 **Networking Lunch**

14.00 - 15.00 **SESSION 2 - ICT KETs for Art and Cultural Heritage**

**Speaker to be defined** - Ministry of Cultural Heritage, Italy  
"Keynote speech"

**Giovanni Masotti** - VP Laser Systems Div., El.En Italy, and  
**Gianluca Valentini** - Politecnico di Milano, Italy

"Cultural heritage: ICT KETs to study and preserve European richness"

Chair: **Roberta Ramponi** - Director, Institute of Photonics and Nanotechnologies, CNR, Italy

15.00 - 16.00 **SESSION 3 - ICT KETs: offering a Wealth of Applications and Services for Citizens**

**Benedetto Vigna** - Executive VP, STMicroelectronics  
"MEMS and Sensors Applications"

**Hugo Thienpont** - Managing Director B-PHOT, Vrije Universiteit Brussel, Belgium  
"Photonics innovation support to boost the competitiveness of European SMEs"

**Maurizio Gattiglio** - Chairman, EFFRA and CTO, Prima Industrie, Italy  
"Factory of the Future"

**Fabio Grohovaz** - Director, Alembic, San Raffaele Scientific Institute and University, Italy  
"Biophotonics - The new frontiers of advanced imaging: from biomedical research to drug discovery"

Chair: **Paolo De Natale** - Director, INO-CNR, Italy

16.00 - 16.30 **Coffee break**



16.30 - 18.00 **SESSION 4 - Panel: ICT KETs Benefiting Smart Cities and Communities in Europe**

**Piero Fassino** - Mayor of Torino, Italy  
**Paul Timmers** - Director, Dir. H: Sustainable & Secure Society, DG Connect  
**Matteo Lo Presti** - IPD Group Vice President, STMicroelectronics  
**Massimo Inguscio** - President, INRIM, Italy  
**Jan Denneman** - VP, Philips Lighting and Executive Board, Photonics21  
**Rodolfo Zich** - Coordinator, Italian Cluster on Smart Communities  
**Corrado Spinella** - Director, Department of Physical Sciences and Technologies of Matter, CNR, Italy

Moderator: **Francesco Profumo** - President, IREN, Italy

18.00 - 18.30 **CLOSING REMARKS**

**Khalil Rouhana** - Director, Dir. A: Components & Systems, DG Connect, EC  
**Mario Calderini** - MIUR, Italy

Chair: **Enrico Macii** - Vice Rector, Politecnico di Torino

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