



# Trend

## Final Workshop

Brussels (Belgium), 24 October 2013

09.00 *Registration and welcome*

09.15 **TREND in a nutshell** - *Marco Ajmone Marsan (Polito) Coordinator*

10.00 **Energy Consumption of ICT Networks** – Chair: *Bart Lannoo (iMinds)*

- A library of Energy consumption data: Powerlib - *Ward Van Heddeghem (iMinds)*
- Incentives to stimulate energy-efficiency in networks – *Bart Lannoo (iMinds)*

10.30 *Coffee break*

11.00 **Energy efficiency in access networks: The big picture and the TREND contribution** – Chair: *Michela Meo (Polito)*

- Review of BS and AP management schemes - *Michela Meo (Polito)*
- Energy efficiency in home access equipment using detailed measurement campaigns - *Giannis Kazdaridis (UTH)*
- Energy savings on relay assisted interference channel - *Stefano Buzzi (CNIT-Cassino)*
- Power consumption evaluation for next-generation passive optical networks - *Sofie Lambert (iMinds)*

12.45 *Lunch break*

13.45 **Energy efficiency in metro/core networks: The big picture and the TREND contribution** – Chair: *Esther Le Rouzic (Orange)*

- Energy Efficient Resilient Optical Networks – *Achille Pattavina (CNIT-PoliMI)*
- Energy-Aware Design and Operation of IP-over-WDM networks - *Filip Idzikowski (TUB)*
- Power Consumption Evaluation of Circuit-Switched Versus Packet-Switched Optical Backbone Networks - *Ward Van Heddeghem (iMinds)*

15.00 *Coffee break*

15.15 **The TREND experiments in green networking** – Chair: *Ivaylo Haratcherev (A-LBLF)*

- Remote monitoring and control for energy-efficient femto - *Ivaylo Haratcherev (A-LBLF)*
- Energy saving mechanisms in metro/core and their validation on a testbed - *Filip Idzikowski (TUB)*
- Measuring the energy cost of networking intensive applications – *Olga Jaramillo (CNIT-UNIGE)*
- Estimating effectiveness of energy-efficient solutions for dense WLANs through measurements – *Michela Meo (Polito)*

17.00 **Discussion**

17.30 *Closing and farewell*



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