

IEICE EUROPE SECTION: Activity Report

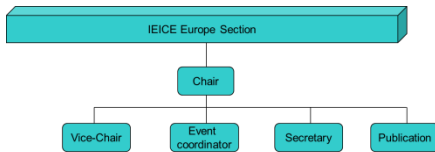
Haris GACANIN, Chair

Mariusz Głabowski, Co-chair



Organization structure

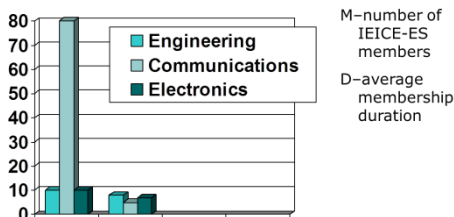
- Started in June 2010
- IEICE-ES members in Europe around 100
- IEICE members with response is about 50%
- Discussion-Active members about 5%



- Chair: Haris GACANIN
–Alcatel-Lucent Bell
- Vice-Chair: Mariusz Głabowski
–Poznan University of Technology
- Publications: Maciej Piechowiak
–Kazimierz Wielki University
- Secretary: Piotr Zwierzykowski
–Poznan University of Technology

Membership and Groups

- Communications
 - Communication technologies
 - Teletraffic Theory, etc
- Electronics
 - Electromechanical Devices
 - Magnetic Recording, etc.
- Engineering Sciences
 - Non-linear Theory and its Applications, etc.



Future Conferences

- Preparing 2015 IEICE ICTF in Manchester
 - www.ictf2015.ieice-europe.org
- Preparing 2016 IEICE ICTF in Patras (Greece)
 - www.ictf2016.ieice-europe.org

Past International Conferences

- 2014 IEICE ICTF
- 2013 IEICE Wireless Networks Workshop
- 2013 IEICE ICTF
- STF2012 (IEICE/IEICE-CS)
- STF2011 (IEICE/IEICE-CS)
- EW2012 (IEICE-CS)
- CSNDSP2012 (IEICE-CS)

Themes of Tutorials in 2015

- Nanowires for High-Speed Nanoelectronics and Nanophotonics
- Overloaded Multiple Access for Next Generations of Wireless Communications
- Overview of Survivability and Fault Management in Optical Networks
- Energy Efficiency in Wireless Networks

2014 IEICE ICTF

- 41 presentations, 60 participants, 6 sessions
- Keynote speeches:
 - Prof. Fumiyuki Adachi, Tohoku Univ.
 - Prof. Toshitaka Tsuda, Waseda Univ.
 - Prof. Maciej Stasiak, Poznan University of Technology
- Invited speakers from Japan, USA and the five European universities

Special Issues

- EU's FP7 ICT R&D Project Activities on Future Broadband Access Technologies in Conjunction with Main Topics of 2013 IEICE ICT Forum IEICE Transactions on Communications, 2014.
- Photonic and RF Communications Systems: IET Circuits, Devices & Systems
- Optical Wireless Communications Transactions on Emerging Telecommunications Technologies: Wiley
- Teletraffic Engineering in Communications Systems: IET Networks
- Wireless Networks: Mediterranean Journal of Computers and Networks
- Algorithms for Communications Systems: Mediterranean Journal of Electronics and Communications

Our speakers



ICT R&D environment around Europe Section

- Alcatel-Lucent Bell N.V., Antwerp
- Poznan University of Technology
- Manchester Metropolitan University
- Ghent University
- University of Novi Sad
- Glasgow Caledonian University
- University of Duisburg-Essen
- Technical University of Denmark

Members and Activities

- Increase the number of senior members
- Attract young people to IEICE-ES
 - Tutorials; panel discussion; participation in all our conferences for free
- Define activities across different sections
- International IEICE Conferences across sections
- Involve IEICE members from Japan to join our events

Topics for Collaboration with Sections in Japan

- next generation access networks
- wireless communication and networking
- optical networks and systems
- internet of things
- green communication
- embedded systems
- theory and application of mathematical systems sciences
- cryptography and information security
- VLSI systems, applications and computer aided network design