

IEICE EUROPE SECTION: Activity Report

Mariusz GŁĄBOWSKI, Chair
Piotr ZWIERZYKOWSKI, Co-chair



Basic Information

- Started in June 2010
- IEICE members in Europe ~ 120
- IEICE members with response ~ 50%
- Discussion-Active members about 5%

Current Organization Structure

- Chair: Mariusz GŁĄBOWSKI
– Poznan University of Technology
- Vice-Chair: Piotr ZWIERZYKOWSKI
– Poznan University of Technology
- Secretary: Maciej PIECHOWIAK
– Kazimierz Wielki University



Membership and Groups

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

Past International Conferences

- 2015 – IEICE/IEICE-CS ICTF
- 2014 – IEICE/IEICE-CS ICTF
- 2013 – IEICE/IEICE-CS ICTF
- 2013 IEICE Wireless Networks Workshop
- 2012 – IEICE/IEICE-CS STF
- EW2012 (IEICE-CS)
- CSNDSP2012 (IEICE-CS)

2015 IEICE ICTF

- 38 presentations, 50 participants
- Keynote speeches:
 - Prof. Fumiyuki Adachi, Tohoku U.
 - Prof. Werner Prost, Duisburg-Essen U.
 - Prof. Ifiok Otung, South Wales U.
- Industry speakers from Belgium and Sweden
- Invited speakers from Japan, UK, Serbia, Belgium, Poland



Future Conferences

- 2016 IEICE ICTF in Patras (Greece)
 - www.ictf2016.ieice-europe.org
- 2016 SmartCom 2016 Oulu Finland
- 2016 IEICE-EUS Workshop on Networks Optimization and Dimensioning

Themes of Tutorials in 2016

- Effective exploitation of spatial domain for 5G small-cell structured mobile networks
- Intelligent Transport System Evolution Creating Smart Services
- Localizing Sensors from their Responses to Targets
- Oscillation Model for Describing Propagation of Activities on Network Caused by Asymmetric Node Interactions
- Application of non full-availability models in the analysis of multi-service networks
- Laser-Powered Drones with QoS Awareness

Special Issues

- IEICE Transactions on Communications
- IET Circuits, Devices & Systems
- Wiley Optical Wireless Communications Transactions
- IET Networks

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

- 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

Annual Activity Report of IEICE Europe Section

Date of Report : 17 March 2016

Reporter : Mariusz Głabowski, Professor, Dr., Poznan University of Technology,
Chair of Communication and Computer Networks

1. Organization

Assembly of the Section

Members of the Section

Rep. Office

Rep. : Mariusz Głabowski, Prof., Poznan University of Technology,
(e-mail address: mariusz.glabowski@put.poznan.pl)

Deputy Rep.: Piotr Zwierzykowski, Assc Prof., Poznan University of Technology
(e-mail address: piotr.zwierzykowski@put.poznan.pl)

Treasurer : Maciej Piechowiak, Assistant Prof., Kazimierz Wielki
University, Bydgoszcz, Poland, (e-mail address: mpiech@ukw.edu.pl)

2. Strategy of the Section

- Increase the number of members and senior members
- Attract young people to IEICE-ES
- Involve different sections in organizing and participating IEICE ICTF Conference
- Involve IEICE members from Japan to join our events

3. Action Plan of the Section Stated in 2015 All Sections Meeting

- Increase the number of members and senior members
- Attract young people to IEICE-ES: tutorials; panel discussion; participation in all our conferences for free
- Involve IEICE Societies in IEICE ICTF conference activity
- Involve IEICE members from Japan to join our events we should not work alone!

4. Results of Activities during the 2015 Fiscal Year (April 2015 ~ March 2016)

4.1 Conference/Symposium/Workshop

- IEICE Information and Communication Technology Forum 2015, Manchester, UK

4.2 Sponsored Lecture

Only keynote speeches during IEICE ICTF Conference in Manchester

4.3 Improvement of the Section

- Special Section on European ICT R&D Project Activities on Broadband Access Technologies in Conjunction with Main Topics of 2015 IEICE ICT Forum will be published in 2016 in IEICE TCOM

5. Review and Future Plan

- (1) Items in 2015 Fiscal Year Plan which could not be achieved, and expected solution : None
- (2) Activity Plan in 2016 Fiscal Year
 - 2016 IEICE ICTF conference will be held in Patras, Greece (www.ictf2016.ieice-europe.org)
 - 2016 IEICE-EUS Workshop on Networks Optimization and Dimensioning, Poznan, Poland

6. Constructive Opinion / Requests / Proposals

New workshop dedicated to Japan-Europe ICT cooperation during 2017 IEICE ICTF conference:
common projects and industrial cooperation