

## THE TRACKS

- A. Computer Networks
- B. Teleinformatics & Telecommunications
- C. New Technologies
- D. Queues Theory
- E. Applications

Topics to be addressed within the scope of above tracks, but are not limited to, include:

1. Networked Systems
2. Networks Architecture
3. Networks Operations and Management
4. Networks Analyzing & Programming
5. Performance Modeling
6. LAN & WAN Technologies
7. Switching & Routing
8. Internet Networks
9. Future Internet Engineering
10. Next Generation Solutions
11. All-IP Environment
12. Web-of-things, Internet-of-things
13. Data and Network Security & Safety
14. Cryptographic Applications for Networks
15. Standardization Issues
16. MPLS/GMPLS and Routing Issues
17. Industrial Computer Networks
18. Networked Control Systems
19. Data Modeling while Networking
20. SDM, M2M Solutions
21. Integration Issues
22. Smart Grid Communications
23. Data Exchange in Digital Factory
24. Research for Industry
25. Factories of the Future
26. Green Networking
27. Home & Building Communications
28. Advanced Wireless Systems & Techno.
29. Ad hoc and Sensor Networks
30. Mobile Networks
31. Personal Networks
32. Cellular Networks
33. Vehicular Networks
34. V2V/V2I/Railroad Communications
35. Small Cell Wireless Networks
36. Beyond LTE-A
37. Localization and Navigation
38. Managing the Mobile Data
39. Ambient and Convergent Networks
40. Multi-networking and Multi-service
41. Traffic Identification and Classification
42. Cooperative and Cognitive Networks
43. Context-Awareness and Personalization
44. Self-Organization in networks
45. Smart Communication
46. Multimedia Network Issues
47. Networked Entertainment
48. Cloud Networking and Services
49. Mobile Cloud issues
50. Cloud Convergence
51. Network media
52. Energy Harvesting for Communications
53. Innovative applications
54. Emergency Communication
55. New technologies in computer networks
56. Molecular networks and bio-informatics
57. Network issues in quantum technologies
58. Nanoscale communication
59. The Theory of Queues
60. Queuing Networks
61. Advanced Communication Technologies
62. Communication Theory
63. Communication Quality & Reliability
64. Telecommunication Systems
65. Teleinformatics
66. Optical and High Speed Networking
67. Satellite Communications
68. Radar and Sonar Networks
69. Synchronization Issues
70. Correction Coding
71. Digital Signal Processing
72. Networking Across Disciplines
73. Beyond Social Networks
74. Game Theory in Networked Environment
75. Business in Communications



# CALL FOR PAPERS AND PARTICIPATION



## SILESIA UNIVERSITY OF TECHNOLOGY

Institute of Informatics, Faculty of ACECS, Gliwice, POLAND

## POLISH ACADEMY OF SCIENCES

Committee of Informatics, Section of CN&DS, Gliwice, POLAND

## 21<sup>st</sup> International Science Conference



# COMPUTER NETWORKS

## The Brunów Palace, POLAND

June 23-27, 2014

### PRELIMINARY INFORMATION

The conference is of international type. Conference languages: English, Polish.

The main goal of the conference is presenting current research and application activities in computer networks domain. The CN conference is dedicated for young and experienced researchers as well as for industrial partners, and provides an exchange platform for networks knowledge and know-how.

### DEADLINES

- submission of full papers in English: till January 26, 2014
- submission of full papers in Polish: till March 14, 2014

The submission system is available from October 2013.

### SOLICITED PAPERS

Full papers, 8-10 pages, should describe results and original research work not submitted or published elsewhere in one of the main categories listed above. The papers should properly place the work within the field, cite related work and clearly indicate the innovative aspects of the work and the contribution to the field. Papers must be submitted via the conference website in PDF form. Further information is available at the conference website.

All accepted papers will be published in the Conference Proceedings by Polish (SUT Press: Studia Informatica series) and by German (Springer: CCIS series) publishers. The papers are double-reviewed (blinded) by members of the Program Committee.

More detailed description you can find on the conference website.

### SPECIAL SESSIONS

Special Sessions will be held on Friday, June 27, 2014.

#### *e-Business Session*

We would like to invite you to participate in the special session on e-business held as a part of the Conference. The goal of this special session is to bring together scientists, researchers, engineers, and students to share their ideas and research results about the state-of-the-art and future electronic business technologies.

#### *Students' Session*

We invite students' academic clubs to participation. The main goal is to exchange ideas and present activities.

#### *Other*

We call for special sessions proposals and wait till February 2014.

*\*IEEE endorsing is currently evaluated and is up to decision of the proper board.*

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