

11th International Symposium on Programming and Systems (ISPS'2013)

22 – 24 April, 2013, USTHB, Algiers, Algeria

www.isps.usthb.dz

FINAL CALL FOR PAPERS

GENERAL INFORMATION

The International Symposium on Programming and Systems (ISPS) is a biennial event that brings together top researchers in Computer Science from all over the world to present and discuss recent research results in various areas of the field. Part of the strength of ISPS is indeed that it gives a chance to create fruitful discussions among computer scientists from various domains and consequently to open avenues of cross fertilization. This is often lacking in conferences where research results get presented to more and more “restricted” audiences, which prevents from reaping full benefits from research ideas and results (across areas).

ISPS is already at its eleventh edition, a clear sign of quality and maturity! Since its very first edition in 1991, the growth has indeed been steady and substantial through the ten past editions. The last edition held in 2011 has earned the IEEE label and the conference papers were indexed through IEEE Xplore. For the 2013 edition, we have already received the technical sponsorship of IEEE subsection Algeria, which will ensure the continuation of the high quality of the conference.

ISPS now benefits from the expertise of an international program committee whose members have been chosen for their technical quality. The papers are reviewed according to international standards via the Easy Chair conference system. Five invited speakers will give relevant presentations in key areas of computing, showing new avenues of research and presenting their latest research outcomes.

Conference Chair

Pr. Ahmed Guessoum, USTHB University

Program Committee Chair

Pr. Yassine Djouadi, USTHB University

Organising Committee Chair

Dr. Abdelhakim Aitzai, USTHB University

Paper submission

All submissions will be handled electronically via the easy Chair conference system <https://www.easychair.org/conferences/?conf=isps2013> and will go through a blind review process. Detailed instructions are available on the conference site www.isps.usthb.dz

Best paper awards

Prizes will be given to the three best papers.

Social events

A trip to the Casbah (historical part of Algiers) or to the Roman ruins in splendid sea-side Tipaza will be organised.

Important dates

Full paper Submission Deadline:	14/01/2013
Notification of acceptance:	25/02/2013
Camera-ready paper:	11/03/2013
Registration:	05/04/2013

Contact:

isps@usthb.dz

Topics

ISPS'2013 welcomes paper submissions that present original work on, but not limited to, the following range of topics:

- Databases and Data Mining
- Distributed and Parallel Computing
- Advanced Networking and Applications
- Cluster, Grid and P2P Computing
- Telecommunications
- Mobile Computing and Wireless Communications
- Security, Privacy and Trust
- Formal methods
- System Performance Verification and Evaluation
- Intrusion detection and fault diagnosis
- Web Services and Internet Computing
- Information Retrieval and Multimedia
- Computer graphics
- Image processing and Pattern recognition
- Robotics
- Intelligent and Bio-inspired Computing
- Speech and Natural language processing
- Evolutionary Computation and Metaheuristics
- Neural Networks
- Artificial immune systems
- Collective intelligence
- Fuzzy Systems
- Hybrid intelligent systems
- Intelligent Agents and Multi-Agents
- Social networks
- Bioinformatics
- Embedded and Ubiquitous Computing

Invited Speakers:

Five invited speakers will give various high quality plenary talks. Four of these are related to fundamental research whereas the fifth emphasizes the need to bridge the gap between fundamental research and the industrial world. The program is the following:

- **Pr. Yacine Atif**, United Arab Emirates University, Al-Ain, UAE: “Towards the Social Web of Things”
- **Pr. Hossam Hassanein**, Telecommunications Research Lab, Queen’s University, Ontario, Canada: “Internet of Things– Smarter Solutions, Smarter Spaces”
- **Pr. Salima Hassas**, University Claude Bernard - Lyon 1, France: “Engineering Self-Organizing Systems: Cognition and emergence of control”
- **Pr. Ali Masoudi-Nejad**, Laboratory of Systems Biology and Bioinformatics (LBB), Institute of Biochemistry and Biophysics, University of Tehran, Tehran, Iran: “Systems Biology: Making sense of the Biological systems by Integration of Post-Genomics High-Throughput Data”
- **Dr. Maha Saadi Achour**, Polycceed Founder & CEO, San Diego, California, USA: “From Fundamental Research to Successful Commercialization: Steps, Risk, and Challenges”

Program Committee

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El Abed Haikal, Technische Universitaet Braunschweig-Germany
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Festor Olivier, INRIA - France
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Rahoual Malek, University of Evry - France
Rassoul Idir, UMMTO University - Algeria
Rebaine Djamel, University of Québec Chicoutimi - Canada
Riadh Baba-Ali, USTHB University - Algeria
Rolland Colette, University Paris 1 - France
Sahraoui Houari, DIRO/University of Montréal - Canada
Sibertin-Blanc Christophe, U. of Social Sciences, Toulouse - France
Si-Mohammed Malik, UMMTO University - Algeria
Souami Feryel, USTHB University - Algeria
Soudi Abdelhadi, École Nationale de l'Industrie Minérale, Rabat, Morocco
Tabia Karim, University of Lens - France
Tamine Lynda, IRIT Toulouse - France
Tekir Selma, Izmir Institute of Technology - Turkey
Touzene Abderezak, SQU University - Oman
Vivas Andrés, Universidad del Cauca - Colombia
Yagoubi Mohamed, University of Laghouat - Algeria
Zantout Rached, Beirut Arab University - Lebanon
Zarour Nacereddine, LIRE/U. of Constantine - Algeria
Zeadally Sherah, University of the District of Columbia - USA
Zegour Djamel, École Supérieure d'Informatique, Algeria