

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

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

[www.isps.usthb.dz](http://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.

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#### 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](http://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:** 25/01/2013  
**Notification of acceptance:** 01/03/2013  
**Camera-ready paper:** 18/03/2013  
**Registration:** 05/04/2013

#### Contact:

[isps@usthb.dz](mailto: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

- Abdelli Karim**, USTHB University - Algeria  
**Ahmed Nacer Mohamed**, USTHB University - Algeria  
**Ahmed-Ouamer Rachid**, LARI/UMMTO University - Algeria  
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**Bouarab Farida**, UMMTO University - Algeria  
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**Boufaida Mahmoud**, LIRE/University of Constantine - Algeria  
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**Boukhalfa Kamel**, USTHB University - Algeria  
**Boukra Abdelmadjid**, USTHB University - Algeria  
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**Boutaba Raouf**, University of Waterloo - Canada  
**Cerqueira Eduardo**, Federal University of Para - Brazil  
**Chaib-Draa Brahim**, Laval University - Canada  
**Cheriet Mohamed**, Université du Québec - Canada  
**Curado Marilia**, University of Coimbra - Portugal  
**Djeraba Chabane**, LIFL/University of Lille - France  
**Djouadi Yassine**, USTHB University - Algeria  
**Drias Habiba**, LRIA/USTHB University - Algeria  
**El Abed Haikal**, Technische Universitaet Braunschweig-Germany  
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**Hacid Mohand-Said**, U. Claude Bernard Lyon 1 – France  
**Hamid Brahim**, University of Toulouse - France  
**Hammad Ahmed**, UFC/LIFC - France  
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**Harous Saad**, UAE University - UAE  
**Hassas Salima**, University Claude Bernard Lyon 1 - France  
**Henni Abderrazak**, ESI Algiers - Algeria  
**Hidouci Walid**, ESI Algiers - Algeria  
**Ilie Jean-Michel**, LIP6/University Pierre et Marie Curie - France  
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**Kamel Nadjet**, University of Setif - Algeria  
**Khan Samee**, North Dakota State University - USA  
**Khezzar Abdelmalek**, University of Constantine, Algeria  
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**Krim Fateh**, University of Setif, Algeria  
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**Meziane Farid**, University of Salford - UK  
**Meziane Abdelkrim**, CERIST Algiers - Algeria  
**Mohammed Samer**, University of Paris Est - France  
**Mokdad Lynda**, LACL/University Dauphine - France  
**Mokhtari Aïcha**, USTHB University - Algeria  
**Moubayed Nazih**, Lebanese University - Lebanon  
**Mountassir Hassan**, LIFC/ University Franche Comté - France  
**Moussaoui Abdelouahab**, University of Sétif - Algeria  
**Moussaoui Samira**, USTHB University - Algeria  
**Nouali Omar**, CERIST Algiers - Algeria  
**Noureddine Djedi**, University of Biskra - Algeria  
**Occello Michel**, LCIS/INPG Grenoble - France  
**Oussalah Mourad**, LINA/University of Nantes - France  
**Poitrenaud Denis**, LIP6/U. Pierre et Marie Curie - France  
**Raffinot Mathieu**, CNRS - France  
**Rahoual Malek**, University of Evry - France  
**Rassoul Idir**, UMMTO University - Algeria  
**Rebaine Djamel**, University of Québec Chicoutimi - Canada  
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**Rolland Colette**, University Paris 1 - France  
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**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  
**Tilmatine Amar**, University of Sidi Bel Abes, Algeria  
**Tounsi Mohamed-Lamine**, USTHB, Algeria  
**Touzene Abderezak**, SQU University - Oman  
**Vivas Andrés**, Universidad del Cauca - Colombia  
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**Zantout Rached**, Beirut Arab University - Lebanon  
**Zarour Nacereddine**, LIRE/U. of Constantine - Algeria  
**Zeaddally Sherali**, University of the District of Columbia - USA  
**Zegour Djamel**, École Supérieure d'Informatique, Algeria