



CALL FOR STUDENT PAPERS

AIDD'2015 : Artificial Intelligence Doctorial Days

High Performance Computing for Artificial Intelligence and Data mining

Laboratory for Research in Artificial Intelligence (LRIA)

USTHB University, Algiers, March 17-18, 2015

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Paper Submission

All papers for AIDD'2015 should be submitted by email to aidd2015.usthb@gmail.com in pdf format. Submissions must bear the names of the authors, their status, and affiliation. The papers must be limited to 10 pages and written in English.

SCOPE

The Laboratory for Research in Artificial Intelligence (LRIA) of the Computer Science Department at the University of Science and Technology Houari Boumediene (USTHB) will organize the third *Artificial Intelligence Doctorial Days* (AIDD'2015) to be held at USTHB on the 17th and 18th of March 2015. This event is directed towards all PhD students (Doctoral School, Classic Doctorate, and LMD Doctorate) who work on topics related to Artificial Intelligence. It is meant to give them an opportunity to present their fairly mature research work and get an opportunity to discuss it with experts from the area of artificial intelligence. A number of international and local speakers will also be invited to give lectures on leading-edge research in intelligent systems.

AIDD'2015 will focus on High Performance Computing for Artificial Intelligence and Data Mining, seeing that in recent years the HPC is involved in many fields and is perfectly aligned with artificial intelligence since the two appeared to effectively solve the problems of everyday life.

The purpose of AIDD'2015 is to provide a forum for doctoral students at the university to present their research work, developments, and applications in the area of High Performance Computing for Artificial Intelligence, Data Mining and applications or on related topics. The best papers will thus be selected and their authors will be given a chance to present them at the doctoral days.

Paper submissions are welcome from all areas of contemporary Artificial Intelligence. These include, but are not limited to, the following areas:

High Performance Computing

- HPC Infrastructure
- cloud Computing
- Grid computing
- GPU/GPGPU Computing
- Parallel and distributed Systems
- Nanotechnology
- Big Data
- NoSQL Engineering
- Map Reduce based programming
- Data mining, knowledge Mining
- Bioinformatics and Visualisation
- Social Networks mining
- Nature-Inspired Computing
- Internet of Things
- Mobile and Ubiquitous Computing
- Virtual reality

Applications

- Agents and Multi-agent Systems
- Knowledge Representation and reasoning
- Problem Solving, Constraint Satisfaction, meta-heuristics
- Web technologies
- Information Filtering, Retrieval and Foraging
- User Profiling/Clustering
- Security, Privacy and Trust
- Images and artificial Vision
- Ontology Based Modelling
- Machine learning
- Natural Language Processing
- Business Intelligence
- Health Domain
- Industrial Applications

All submitted papers will go through a light review process.

Important Dates :

Deadline for paper submission: February 1, 2015

Notification of acceptance: February 22, 2015

Camera-ready paper due: February 28, 2015