Data Meeting Days 2022

IDS Team
EMSI- LPRI

Organizes the annual MeetingDays
⊢ doing innovation
The Annual Doctoral Meeting

This edition of Meeting-days is to be held on the 20th of July in order to communicate the work progress of our PhD candidates, to the industrial community or scientific community or academic community through a panel of talks and conferences around recent advances in big data, Internet of things, distributed computing, large scale networks computing, advanced information engineering, complex systems, cloud computing ... Meeting-days helps at the brainstorming for answers to questions such, how to undertake top-quality R&D projects?, How to improve our activities? Do we need to redraw future roadmaps? What are the requirements for updating short-term research topics?
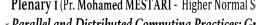
http://meetingdays22.sciencesconf.org

Join the Meeting on

20th July 2022
9H – 17h,

CHIEFS GESTS

Pr. Hassan BADIR — Pr. Azedine BOULMAKOUL — Pr. Mohamed TABAA — Pr. Hicham HAJJI

KEYNOTE SPEAKER

Dr. Mohamed MESTARI — Dr. Sara IBN EL AHRACHE — Dr. Hakim EL BOUSTANI

09:00 –09:45

09:00 – 09:30	Accueil & Inscription / Welcome/Opening/Registration
09:30 – 09:45	Mots d'ouverture des présidents/ Welcome speech from the Conference Chairs

09:45 –11:30

10:00 – 10:30 — **Plenary 1** (Pr. Mohamed MESTARI - Higher Normal School of Technical Education of Mohammedia - Morocco):
« Parallel and Distributed Computing Practices: Graph Neural Network»

Pr. Mohamed MESTARI

Chairman: Hassan BADIR

10:35 – 11:05 — **Plenary 2** (Pr. Sara IBN EL AHRACHE - National school of applied sciences of Tangier, IDS Team, Morocco)
« Keeping data safe in the Cloud»

Pr. Sara IBN EL AHRACHE

Chairman: Lamyae SERHENE

11:15 – 11:45 — **Plenary 3** (Pr. Hakim EL BOUSTANI - National school of applied sciences of Safi, Morocco)
« From machine to deep learning...an AI evolution»

Pr. Hakim EL BOUSTANI

Chairman: Mohammed TABAA

11:45 – 12:00 — Coffee Break

12:00 –14:00	**Chairmans**	*Zineb EL KHATTABI / Zohra FILALI HALIME*

Session: IA and Big Data

P	**Deep Learning Algorithms-based Road Object Detection Inference** *Omar Bouazizi and Aimad El Mourabit*
D	**Managing Spatial Big Data on The Data LakeHouse** *Soukaina Ait Errami, Hicham Hajji, Kenza Ait El Kadi and Hassan Badir*
P	**Data Cleaning in Machine Learning: Improving Real Life Decisions and Challenges** *Sanae Borrohou and Rachida Fissoune*
D	**Exploring new Deep Learning architectures for buildings footprints extraction** *Yasser Artibi, Ayoub Bouaaddi, Hicham Hajji and Hicham Mharzi Alaoui*
P	**A deep learning approach to predict power loss from dusted photovoltaic panels** *Khalil Tidriri, Naoual Mouhni and Abdelmounaim Abdali*
P	**Smart irrigation based on Machine Learning for Agriculture 4.0** *Youness Tace, Mohamed Tabaa, Sanaa Elfilali and Cherkaoui Leghris*
P	**Big Data analytics in future education: a literature review** *Khadija Ahaidous, Mohamed Tabaa, Hanaa Hachimi and Larbi Hmimou*
P	**Classification of targets detected by mmWave radar using YOLOv5** *Mohamed Lamane, Mohamed Tabaa and Abdessamad Klilou*

14:00 – 14:30	**Lunch Break**

14:30 –16:30	**Chairmans**	*Tarek AMTOUT / Rim AKHRIF*

Session: IoT and Security

P	**Modeling and Implementation of Data Agroecology Applications by means of a UML Profile** *Houssam Bazza, Sandro Bimonte and Hassan Badir*
P	**Synthetic tabular data using generative adversarial networks for generating sector coordinates** *Zineb Hidila and Mohammed Mestari*
P	**Équilibrage dynamique des ligne de fabrication dans le cadre de l'industrie 4.0** *Hillali Youness, Chafik Samir, Al Fathi Najlae and Zegrari Mourad*
P	**Experimental test and performance of RSSI-based indoor localization in LoRa Networks** *L'Houssaine Aarif, Mohamed Tabaa and Hanaa Hachimi*
D	**Automated Aircraft maintenance inspection: Detecting Aircaft dents using U-NET, ATTENTION U-NET and TRANSU-NET** *Zohra Amzoug, Chaimae E-Sqalli, Hicham Hajji and Soufiane Bouarfa*
D	**Blockchain and Cloud Computing Fusion: Use Cases and Research Challenges** *Youness Bentayeb and Hassan Badir*
P	**Path planning of an electric vehicle: case of Morocco** *Meryem Abid, Mohamed Tabaa and Hanaa Hachimi*
P	**Simulation of sensitive infrastructure control systems in education: cyber-security perspective** *Douae Tizniti and Hassan Badir*

16:30 – 17 :00	**Closing Ceremony**