Final Event of INTEL-IRRIS Research Project

PRIMA S2 code 1560

(1 June 2021- 31 May 2024)

May 9th, 2024

Organized by the Laboratory Of Industrial Computing and Networks (RIIR)

University of ORAN1, ALGERIA

Location : Amphithéâtre Talahit du Campus Taleb. Mourad Salim

Event Objectives :

- Present the research project results to the participants.
- Disseminate the knowledge and lessons learned during the project to a wider audience.
- Get feedback from the scientific community and socio-economic partners.
- Discuss the implication and valorization of project results for future research and practical applications.

- Build relationships with other researchers and organizations.
- Acknowledge the contributions of the project partners.

Program :

Morning:

* **08h30 - 09h00** : Registration

* **09h00 - 09h15** : Opening speech and presentation of the program

* **09h15 - 9h30** : "PRIMA INTEL-IRRIS: a project for irrigation optimization targeting smallholders"

Pr Congduc Pham, UPPA (France)

* **9h30 - 10h00** : "The INTEL-IRRIS's starter-kit and main scientific results"

Pr Congduc Pham, UPPA (France)

* **10h00 - 10h45** : "Feedback and Results from the Smallholder Piloting Program"

Pr Kechar Bouabdellah, University ORAN1 & Pr Benkhelifa Mohamed, University of Mostaganem (Algeria)

* **10h45 - 11h15** : Coffee break

* **11h15 - 11h45** : "INTEL-IRRIS in the WATERMED 4.0 platform"

 Pr Benyamina Abou El Hassan, University ORAN1 (Algeria)

* **11h45 - 12h45** : "Towards large-scale piloting: the PRIMA OurMED project"

Dr. Seifeddine Jomaa, UFZ (Germany)

* **12h45 – 14h** : Lunch break

Afternoon:

* **14h – 15h** : Panel & Discussions

* **15h – 17h00** : Poster and networking session with other PRIMA projects

* **17h00 – 17h30** : Recommendations and Closing of the Event

Organizing committee:

Pr Kechar Bouabdellah
Pr Benkhelifa Mohamed
Pr Haffaf Hafid
Pr Benyamina Abou El Hassan
Dr Bidai Zahia
Dr Bidai Yasmina
Dr Dahane Amine
Mr Benameur Rabaie
Mr Delbeze Djamel Eddine
Melle Maameri Meriem

Speakers

Congduc Pham, full professor

University of PAU, France

Biography:

Dr Congduc Pham is a Professor of Computer Science at the University of Pau (France). He obtained his Ph.D in Computer Science in 1997 at the LIP6 Laboratory (University Paris 6, Pierre and Marie Curie). His current research interests include wireless sensor networking, Internet of Thing, congestion control/resource allocation and QoS for cloud computing infrastructures. He has published more than 140 papers in international conferences and journals, and gave more than 80 tutorials/keynotes and scientific presentations. In H2020 WAZIUP and H2020 WAZIHUB, he is the scientific expert on Internet-of-Thing and LoRa technology and developed the LoRa IoT generic framework used in these projects. He also produced numerous tutorials and IoT kits to be used in hackathons and training sessions. In next H2020 HUBIQUITOUS He will lead the deployment of SolutionLab for providing access to IoT and AI disruptive technologies in Digital Innovation Hubs in Africa. He will also coordinate the next PRIMA Intel-IrriS project on smart irrigation for smallholders, where IoT and AI technologies will be deployed for smallholders to facilitate their access to smart-agriculture

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Seifeddine Jomaa, Doctor

Helmholtz Centre for Environmental Research - UFZ, Germany

Biography:

I am currently a research scientist at the Helmholtz Centre for Environmental Research (UFZ) since March 2012. In early 2012, I have received my PhD degree in Environmental Engineering from the Swiss Federal Institute of Technology (EPFL), Lausanne in Switzerland. I have started my academic career investigating fundamental gaps in understanding physical processes that govern the soil erosion at local

scale, which was the main objective of my PhD project. In my current position at the UFZ, I have been involved in hydrological water quality monitoring and modelling at the catchment scale with a special focus on how the spatio-temporal resolution of the input data can improve the model parameter identification, and in turn, the prediction of riverine discharge and nutrient leaching.

Kechar Bouabdellah

Full Professor, University of Oran1, Algeria

Biography:

Kechar Bouabdellah is full Professor in the Department of Computer Science at university of Oran1 Ahmed Ben-bella, Algeria where he received his Ph.D. in 2010. He has authored several journal publications, refereed conference publications and book chapters. He has been a member of the technical program and organizing committees of several international conferences and workshops. He also serves as a referee of renowned journals. He leads an international cooperation project (PRIMA) and a national project (PNR). He is currently Director of the RIIR laboratory (Industrial Computing and Networks) and head of the research team "Networks and QoS". His area of interest is Wireless Networks, WSN and IoT, NDN/ICN, Cybersecurity, Networked Autonomous Systems.

https://scholar.google.be/citations?user=nqTTv1cAAAAJ&hl=fr

Benkhelifa Mohamed

Full Professor, University of Mostaganem, Algeria

Biography:

Mohamed Benkhelifa is Professor of Higher Education at the University IbnBadis Abdelhamid of Mostaganem. Agronomist of the National School of Agronomy of Algiers ENASA in 1984, he holds a magister (1997) and a doctorate es Science (2007) in Science Soil at ENASA. He teaches for thirty years in the field of soil science and environmental at the agronomy department

of the University of Mostaganem. He appraised several scientific research projects of soil and sustainable development in arid and semi-arid areas at the request of the Directorate of Research of the Ministry of Higher Education and Scientific Research. He has supervised more than 80 theses between agricultural engineers, masters and doctorates. He also appraised several thesis of habilitation in the field of agronomy and soil science. He is constantly asked to chair or participate in defense juries of doctoral and Master thesis. He has chaired and coordinated several applied research projects in sustainable development in Algeria and abroad: France with INRAA Versailles on land use and degradation of ecosystems and Brazil with the UFSM (Federal University of Santa Maria) and the UPF (Passo Fundo University) on the problem of soil degradation and water resources in the case of family farming. He has over 16 international publications as author and co-author and often participates in international scientific events in several countries in Europe, Asia and America.

Abou El Hassan Benyamina

Full Professor, University of Oran1, Algeria

Biography:

Abou El Hassan Benyamina is full professor in computer science at Oran 1, Ahmed Ben Bella **University** Where he leads the LAPECI Laboratory.
He graduated from Department of Computer Science, Faculty of Sciences, University of Oran, Algeria, where he received PhD degree in computer science in 2008. He is currently professor of computer science in the Univ. Es-senia ORAN, Sciences et Technologies, Algeria. His research works include parallel processing, optimization, design space exploration and Model Driven Engineering with the special focus on real-time and embedded systems.
He directed and participated in several national, international and european projects.

Nous contacter:

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Position géographique du lieu de l'évènement « **Final Event of INTEL-IRRIS Research Project** »

(Google Earth)

Amphithéâtre Talahit du Campus Taleb. Mourad Salim, Pas d'inscription.

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