

Call for Participation
AICCSA 2023 – PhD Forum
October 22, 2024
10:30am – 5:00pm

We are organizing a PhD forum as part of the AICCSA 24. The forum will provide a venue for graduate students to present their research and receive feedback and mentoring from leading members of the computer systems and applications research community. We would like this event to help you prepare regarding the strategic decisions you will be making soon as you are transitioning from graduate school life to professional life. The forum is open to all students registered for the conference.

“Prof. Salima Hassas Best PhD Forum Paper”: This year we will select the best PhD forum paper in memory of Prof. Salima Hassas who originally initiated the PhD Forum in AICCSA. Your presentation will be evaluated by our judges, and we will recommend one paper for the best paper award. Please follow the presentation template we shared in the previous email, emphasize the motivation and importance of your work, and articulate your approach to address the research challenges. During our evaluations, an engaging presentation coupled with your excitement will be taken into consideration.

Agenda

10:30-10:45 Introduction and Welcome

10:45-12:30 Student Research Talks-1 (10 minutes presentation + 5 minutes Q&A for each talk)

Presenter: **Jihed Hammami**, PRINCE Laboratory, ISITCom, University of Sousse, Tunisia;

Authors: Jihed Hammami , Maha Khemaja, José-Luis Sierra-Rodríguez

An Interdisciplinary Model-Driven Approach for Flipped Learning Design and Enactment Integrating Gamification, Agile, BPMN, IoT, and AI

Presenter: **Marwa Dorai** , NOCCS, Higher Institute of Computer Science and Communication Technologies, Tunisia

Authors: Marwa Dorai, Mehrez Abdellaoui, Bouthaina Douh and Ali Douik

Application Of Artificial Intelligence Techniques To Detect Water Stress

Presenter: **Eya Abidi**, Information Technology, RAMSIS, CRISTAL Laboratory , ENSI , University of Manouba, Tunisia

Authors: Eya Abidi, Zayneb Trabelsi Ayoub and Sofiane Ouni

Enhancing Speed and Quality of Somatic Variant Calling via Big Data Architecture and Deep Learning Models

Presenter: **Chayma Zaabi**, LARODEC, ISG, Tunisia

Authors: Chayma Zaâbi and Imen Boukhris

Fine-Grained Sentiment Analysis in Financial Market

Presenter: **Boughdri Maher** , Tunisia Polytechnic School, SERCOM Laboratory, Tunisia

Authors: Boughdiri Maher, Takoua Abdellatif and Chirine Ghedira

Integrating Onchain and Offchain for Blockchain Storage as a Service (BSaaS)

Presenter: **Olfad Dallel**, NOCCS Laboratory, Ecole Nationale d'Ingénieurs de Sousse, Tunisia

Authors: Olfad Dallel, Souheil Ben Ayed and Jamel Bel Hadj Tahar

Smart Software-Defined Perimeter Framework for Social Internet of Things

12:30-14:00 Lunch Break as a Group

14:00-15:30 Student Research Talks-2 (10 minutes presentation + 5 minutes Q&A for each talk)

Presenter: **Hiba Ouchene**, LRDSI Laboratory, Computer Sciences Department, Blida 1 University, Algeria

Hiba Ouchene, Nadja Benblidia and Melyara Mezzi

Enhancing Medical Diagnosis Support through AI-Driven Semantic Classification of Breast Cancer Medical Texts

Presenter: **Yassine Gacha**, SERCOM lab, Polytechic School of Tunisia, Tunisia

Authors: Yassine Gacha, Takoua Abdellatif

Real-Time Data Fusion for Optimized Emergency Response

Presenter: **Abdellahi Krama**, CRISTAL Lab University of Manouba Tunis, Tunisia

Authors: Abdellahi Krama and Sofiane Ouni

Deep learning-based offload and load balancing in IoT Fog

Presenter: **Mohamed Ali Bouri**, Dept. Computer Sciences and Communications Data Engineering and Semantics Sfax, Tunisia

Authors: Mohamed Ali Bouri, Mohamed Habib Kammoun, Mohamed Ben Aouicha

Holistic design of economical and secure Data Centers for developing countries: A free integrative approach

Presenter: **Feriel Khennouche**, Laboratoire LITAN Ecole superieure en Sciences et Technologies de l'Informatique et du Numerique

Authors: Feriel Khennouche, Youssef Elmir, Nabil Djebari and Larbi Boubchir

Improving User Experience for AI Chatbots through LLM Models

15:30-16:00 Coffee Break

16:00-17:30 Mentoring, Question and Answer Session