



**Tunisian Algerian Conference on Applied
Computing
(TACC 2022)**

13 – 14 December 2022

Constantine, Algeria

Amphi 4

University of Abdelhamid Mehri- Constantine2



Program

Tuesday, 13 December 2022

8:30 - 9:00 : Registration

9:00 - 9:30 : Opening ceremony

9:30 - 10:00 **Keynote Speaker: Prof. Ladjel Bellatreche**
LIAS Laboratory, ISAE ENSMA, Poitiers, France
“Log Things Analytics: the case of Knowledge Graphs”

10:00 - 10:15 **Coffee Break**

10:15 - 11:15 **Session 1: Natural Language Processing**
Session chair : *Ismail Bouassida & Mohamed Elhadj Benelhadj*

10:15 Ahmed Bouliche and Abdellah Rezoug. *Detection of cyberbullying in Arabic social media using dynamic graph neural network*

10:45 Nesrine Ksentini, Siwar Zayeni, Mohamed Tmar and Faiez Gargouri. *Hybrid query expansion using linguistic resources and word embeddings*

11:45 - 13:30 **Lunch Break**

13:45 - 14:45 **Session 2: Edge & Smart systems**
Session chair : *Ahmed Hadj Kacem & Benmohamed Mohammed*

13:45 Mouna Rhaiem, Mariam Chaabane and Ismail Bouassida Rodriguez. *Air Quality System in Smart City: Systematic Literature Review*

14:15 Nour El Houda Boubaker, Karim Zarour, *Nawal Guermouche and Djamel Benmerzoug. Fog and Edge Service Migration Approaches based on Machine Learning Techniques: A Short Survey*

14:45 - 17:30 **Site Seeing**

19:00 - 20:30 **GALA DINER**

Wednesday, 14 December 2022

9:00 - 9:45

Keynote Speaker: Dr Ilham Kitouni

LISIA Laboratory, Constantine2 University, Algeria

“Vers une société connectée – Contribution de l’université”

9:45 – 10:00

Coffee Break

10:00 – 12:00

Session 3: Applied AI

Session chair :

Slim Kallel, Chaker Mezioud

10:00 Abdelhammid Bouazza, Hichem Debbi and Hicham Lakhlef. ***Machine Learning-based Intrusion Detection System Against Routing Attacks in the Internet of Things***

10:30 Staifi Noureddine and Belguidoum Meriem. ***ViolationPredictor: a Solution for Predicting SLA Violations of IoT Applications***

11:00 Sabrina Karboua. ***Mitigation of Popularity Bias in Recommendation Systems***

11:30 Ali Boukehila. ***Fuzzy Logic for Emergence Verification***

12:00 – 13:30

Lunch Break

Session 4: Doctorial Symposium

Session chair :

Zarour Nacereddine, Maamri Ramdane

13:30 Riad Helal, Akram Seghiri and Faiza Belala. ***An Integrated Approach to Formal Analyze Cyber Physical Systems***

14:00 Sameh Ben-Aoun, Meriem Belguidoum and Ahmed Hadj-Kacem. ***ECO-TrackDrive: a tracking system for energy- efficient driving***

14:30 Marwa Chaabane and Bruno Koller. ***Position Paper: Towards an automatic approach based on MAPE-K for the registration of multi-modal data in medical imaging***

15:00- 15:45

Keynote Speaker: Prof. Hamid Mcheick

UQAC, Université du Québec à Chicoutimi

“Design healthcare framework”

15:45-16:30

Closing session

Partners



Université de Sfax



FSEGSFAX



CRNS

