


INTIS Conference Schedule

Friday 26th MAY 2023

08:30 – 10:00	OPENING CEREMONY
08:30 – 09:00	Welcome & Registration
09:00 – 09:30	Welcome speech from the Conference Chairs
09:30 – 10:30	
09: 09: 30 – 10:30	Chairman: Ladjel BELLATRECHE
	Plenary 1 - Pr. Marjan MERNIK - University of Maribor, Slovenia <i>"Formal and Practical Aspects of Domain-Specific Languages"</i>
10:30 – 11:00	COFFEE BREAK
11:00 – 12:30	
11:00 - 12:30	SESSION 1: Artificial Intelligence & Applications Chairmans : Rabia MARGHOUBI / Mohamed TABAA
11:00 – 11:20	Intelligent Traffic Congestion and Collision Avoidance Using Multi- Agent System Based on Reinforcement Learning <i>Israa Alqatow, Majdi Jaradat, Rashid Jayousi and Amjad Ratrout.</i>
11:20 – 11:40	BERT for Arabic NLP applications: Pretraining and Finetuning MSA and Arabic Dialects <i>Chaimae Azroumahli, Yacine Elyounoussi and Hassan Badir.</i>
11:40 – 12:00	Machine learning for the analysis of human microbiome in inflammatory bowel diseases: Litterature Review <i>Nouhaila En Najih and Ahmed Moussa.</i>
12:00 – 12:20	Multimodal learning for road safety using vision transformer ViT <i>Asmae Rhanizar and Zineb El Akkaoui.</i>
13:00 – 14:30	LUNCH BREAK



Intis Program | **1**

14:30 – 15:30

14:30 - 15:30

Chairmans : **Rashid JAYOUSI** / **Hassan BADIR**



Plenary 2 - Mr. Mohamed Essaadi - Moroccan School of Science & Engineering
EMSI, Morocco

“ Sustainable Smart Cities for SDGs Acceleration ”

15:30 – 15:45

COFFEE BREAK

15:45 – 16:15

POSTER SESSION

15:45 - 16:15

Chairman : **Rachida FISSOUNE**

Health Monitor: An IoMT Based Patient Health Monitoring System Using Blockchain and k-means

Ikram El Asri, Meryeme Ayache, Soulimane Oulad Belayachi and Hajar Laktaoui

Mathematical Modeling of the madex stock index using the capital asset pricing model, the case of casablanca stock exchange

Youness Saoudi, Moulay Mehdi Falloul, Hanaa Hachimi and Ayoub Razouk

Cyber-security simulation of control systems used within critical infrastructures

Douae Tizniti and Hassan Badir

State of the art of Graphical Neural Networks for smart industrial applications

Zineb Hidila and Mohamed Tabaa

SOC Estimation based on artificial neural network compared with the Ah method

Elmehdi Nasri, Tarik Jarou, Nabiha Saadi, Salma Benchikh and Younes Elkoudia

16:15 – 17:30

16:15 - 18:00

SESSION 2: Smart Data & IoT Applications

Chairmans : **Adil EL BOUZIRI** / **Hassna BENSAG**

16:15 - 16:35

Augmented Data Warehouses for Value Capture
Nabila Berkani and Ladjel Bellatreche.

16:35 - 16:55

LP Relaxed stabilization conditions for positive continuous time Takagi-Sugeno fuzzy systems with time varying delay
Rkia Oubah, Ouahiba Benmessaouda and Layla Wakrim.

16:55 - 17:15

Intelligent Multi-Agent Distributed System for Improving and Secure Travel Procedures: Al-Karama-King Hussein Bridge Study Case
Amjad Rattrout and Hussein Younis.

17:15 - 17:35

Where We are in Handling IoT and Robotic's Data for Agroecology Applications? An Architectural View

Hassan Badir, Houssam Bazza, Filippo Berto, Sandro Bimonte, Aldo Calcante, Paolo Ceravolo, Ali Hassan, Tahar Kechadi, Rim Moussa, Roberto Oberti, Sana Sellami and Nicolas Trico.

17:40 – 18:00

CLOSING CEREMONY

09:00 – 10:30

09:00 – 09:30 Welcome & Registration

09:30 – 10:30

09:30 - 10:15

Chairmans : **Amjad RATTROUT** / **Nouria HARBI**



Plenary 3 - Pr. Sandro BIMONTE, TSCF, INRAE, Clermont-Ferrand, France
 "New Supervision and monitoring of agricultural autonomous robots: from design to implementation "

10:15 – 10:45

COFFEE BREAK

10:45 – 12:50

10:45 - 11:45

SESSION 2: Artificial Intelligence & Applications

Chairmans : **Chaimaa AZROUMAHLI** / **Assad CHAHBOUN**

10:45 - 11:05

A Novel Approach for K-means Optimization in Image Segmentation
Muath Sabha.

11:05 - 11:25

VacDist MAS for Covid-19 Vaccination Distribution: Palestine as A Case Study
Amjad RattROUT, Ashar Natsheh, Aya Mousa and Daniel Voskergin

11:25 - 11:45

Robust Intelligent Control for Two Links Robot Based ACO Technique
Siham Massou

11:50 - 12:25

SESSION 1: Smart Data & IoT Applications

Chairmans : **Siham MASSOU** / **Ibtihal MOUHIB**

11:50 - 12:10

Smart E-Waste Management System Utilizing IoT and a DL Approaches
Daniel Voskergian and Isam Ishaq

12:10 - 12:30

Towards a platform for higher education in virtual reality of engineering sciences
Houda Mouttalib, Mohamed Tabaa and Mohamed Youssefi

12:30 - 12:50

A new approach for the analysis of resistance to change in the digital transformation context
Abou El Karam Bachira, Marghoubi Rabia, Khanboubi Fadoua and Allaki Driss

13:00 – 13:15

BEST PAPER AWARD - AZEDINE BOULMAKOUL PRIZE -

13:15 – 13:30

CLOSING CEREMONY

13:30 – 14:30

LUNCH BREAK

