



2nd INTERNATIONAL CONFERENCE

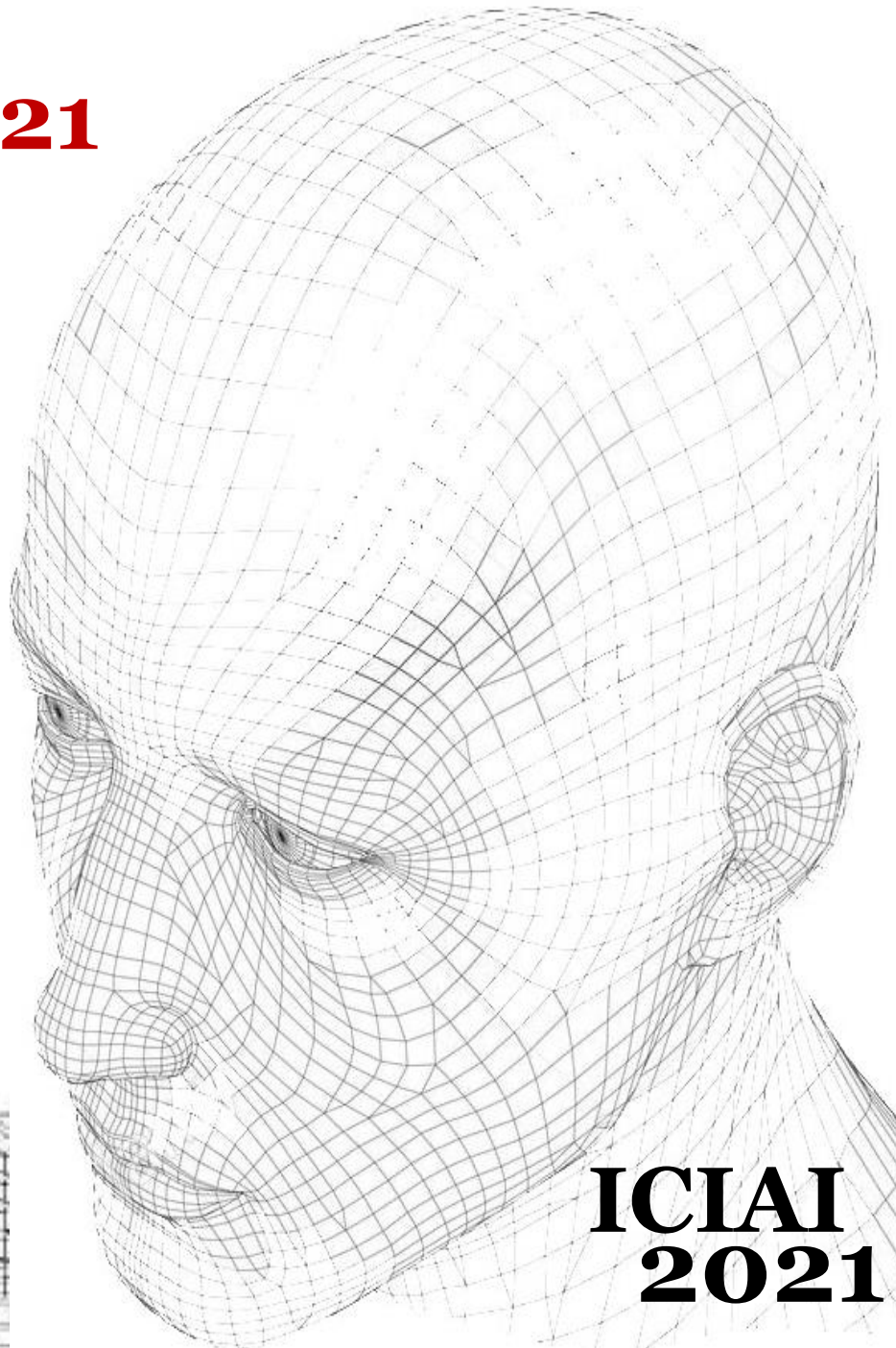
ON

INDUSTRY 4.0 &
ARTIFICIAL INTELLIGENCE
(ICIAI 2021)

TUNISIA-HAMMAMET, MARCH 2-4, 2021

[HTTPS://WWW.SEAHF.NET/ICIAI/](https://www.seahf.net/iciai/)

SEAHF'21



ICIAI 2021



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2nd INTERNATIONAL CONFERENCE



INDUSTRY 4.0 & ARTIFICIAL INTELLIGENCE (ICIAI 2021)



TUNISIA-HAMMAMET, MARCH 2-4, 2021

ABOUT THE CONFERENCE

The 2nd edition of ICIAI-2021 conference (<https://www.seahf.net/iciai/>) in collaboration with Microelectronics and Nanotechnology Research Center, Sousse Technopole and SLAMA BestChoice Company (Event Organization) targets different scientific fields and invites academics, researchers, and educators to share innovative ideas and expose their works in the presence of experts from all over the world. The first edition was held in Polytechnic University, Madrid, Spain. The conference focuses on original research and practice-driven applications.

It provides a common linkage between a vibrant scientific and research community and industry professionals by offering a clear view of modern problems and challenges in information technology. It offers a balance between innovative industrial approaches and original research work while keeping the readers informed of the security techniques, approaches, applications, and new technologies. The conference is an opportunity for students, doctors, academics and researchers to open up to the outside world, make connections and collaborate with various domain experts.

GENERAL TOPICS

- ✦ Big Data & Analytics in Industry 4.0
- ✦ Agents and Multi-agent Systems
- ✦ 5G Industry 4.0
- ✦ Signal processing
- ✦ Natural Language Processing
- ✦ Agriculture 4.0
- ✦ Economy 4.0
- ✦ Signal Processing
- ✦ Healthcare 4.0
- ✦ Blockchain & Industry 4.0
- ✦ Computer Vision
- ✦ Finance 4.0
- ✦ Edge computing & Industry 4.0
- ✦ Internet of Things (IoT)
- ✦ Fuzzy Logic
- ✦ Inductive Learning
- ✦ Adaptive Systems
- ✦ Data Mining
- ✦ Intelligent & Knowledge Based System
- ✦ Robotic and Automation
- ✦ Machine Learning
- ✦ Cloud Computing for Industry 4.0
- ✦ Support System for Industry 4.0
- ✦ Deep Learning
- ✦ Mobile Computing
- ✦ Expert Systems

CALL FOR PAPERS

We are pleased to invite you to submit original contributions to ICIAI 2021 via EasyChair. All submissions can include technical and experimental, theoretical, conceptual, or survey papers. All submissions will be peer-reviewed on the basis of relevance, originality, importance and clarity.

IMPORTANT DATES

PAPER SUBMISSION DEADLINE: November 30, 2020 23:59 CET, 16:29 IST
NOTIFICATION OF ACCEPTANCE: January 15, 2021 23:59 CET, 16:29 IST
FINAL SUBMISSION: February 15, 2021 23:59 CET, 16:29 IST





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SPEAKERS



**FINANCE
4.0**



**Prof. Pascal Nguyen,
University of Montpellier, France**

Pascal Nguyen is Professor of Finance at University of Montpellier. He was previously Dean for Faculty & Research at ESDES (Lyon Catholic University), Professor of Finance at NEOMA Business School. His current research interests focuses mainly on corporate governance and how it affects management decisions and ultimately firm performance.



**SMART
SENSING**



**Prof. Maria Gabriella Xibilia,
Università Degli Studi di Messina, Italy**

Maria Gabriella Xibilia is a Full Professor at Università degli Studi di Messina, Italy. Her current research interests include system identification, soft sensors, process control, nonlinear systems, and machine learning.



**ARTIFICIAL
INTELLIGENCE**



**Prof. Samuel Fosso Wamba,
Toulouse Business School, France**

Samuel Fosso Wamba is a Professor at Toulouse Business School, France. His current research focuses on business analytics of Big Data, Artificial Intelligence for business, IT-enabled social inclusion, social media analytics and electronic commerce.



**AGRICULTURE
4.0**



**Prof. Giovanni Antonio Muscato,
University of Catania, Italy**

Giovanni Antonio Muscato is a full Professor of the Department of Electrical Electronic and Computer science engineering at the University of Catania. He is involved in the research activities of the laboratory of Cognitive Robotics and Social Sensing.



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KEYNOTES

**INDUSTRIAL
IoT**



Prof. Hamdi Mustapha,
National Institute of Applied Sciences & Technology,
Tunisia

Mustapha HAMDI is an associate professor at INSAT Tunisia. His current research interests include Industrial IoT and Artificial Intelligence. He is Artificial Intelligence Analyst certified from IBM. He is the coordinator of www.innovchallenge.com.

**SYNTHETIC
BIOLOGY 4.0**



Prof. Lyudmyla Symochko
University Uzhhorod, Ukraine

Symochko Lyudmya is a specialist in environmental microbiology and soil ecology. Since 2008 she has focused on autecology and synecology researches of soil microbiota. She explores the soil resistome and the role of natural and transformed ecosystems as reserves of antibiotic-resistant microorganisms.

**MACHINE AND DEEP
LEARNING**



Prof. Celia Shahnaz,
University of Engineering and Technology,
Bangladesh

Celia Shahnaz is a Candidate for 2021-22 IEEE Region 10 Director-Elect/Delegate-Elect, Chair, IEEE Bangladesh Section. Her research interests include the areas of Deep learning, pattern recognition and machine learning for audio, video, biomedical and power signals, signal processing for speech analysis and speech enhancement, multimodal emotion recognition, etc.

ROBOTICS



Prof. Sudeshna Chakraborty,
Sharda University, India

Sudeshna Chakraborty is Research Group Leader of Computer Web application penetration, Computer Network & Cyber Security apart from the coordinator of Computer Science & Engineering Department at Sharda University, Greater Noida. Her current research interests include Web Engineering, Semantic Web, Network, and Web Technology.

GUESTS



Prof. Adam Skorek
University of Québec at Trois-Rivières



Prof. Ezzeddine Hasan Al-Dersi
Dean of Benghazi University, Libya



Prof. Khalil Kassmi
Mohamed Premier University, Morocco



GUESTS



Prof. Vikrant Sharma
GNA University, Phagwara, India



Prof. Adriana Burlea-Schiopoiu
Dean of University of Craiova, Romania



Prof. Izzudin Busnaina
Benghazi University, Libya



Dr. Ayodele Otaiku
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REGISTRATION INSTRUCTIONS

- Authors with accepted papers must register to attend the conference.
- Participants who have non-accepted papers can also register to attend the conference as attendant.
- Accepted papers should be registered before February 15, 2021.
- Accepted papers will appear in the conference proceedings only if the payment has been made and at least one author will present the paper at the conference.
- All authors with accepted papers must submit their camera-ready version in PDF and source files.

REGISTRATION FEES

These prices apply to both paper authors, i.e. speakers, and non-speakers.

The table below shows in detail all possible combinations of several options, namely “speaker/non-speaker; early/late/on-site” registration types. It also shows special, discounted registration types, namely "Co-Authors or Students”.

| Conference, Workshops or Special Sessions | | Registered by 2 nd February (Tunisia) | Registered by 2 nd February (Outside-Tunisia) | After 2 nd February (Tunisia) | After 2 nd February (Outside-Tunisia) | Extra Page Charges (> 6 pages) | |
|---|----------------------|--|--|--|--|--------------------------------|-------------------------------|
| Speaker | Regular | One Paper | 600 | USD 400 | 650 | USD 450 | USD 30/Page (maximum 2 pages) |
| | | Additional Paper | 500 | USD 350 | 550 | USD 400 | |
| | Student | | 550 | USD 300 | 600 | USD 350 | |
| | Virtual Presentation | | 400 | USD 300 | 450 | USD 350 | |
| Attendant | Student | | 400 | USD 270 | 450 | USD 350 | USD 50/Page (maximum 2 pages) |
| | Non-Student | | 700 | USD 400 | 800 | USD 450 | |

PAYMENT

The lunch is included in the conference fee only for regular registration.

- Early registrations are accepted until the 2nd of February 2021.
- Late registrations are accepted until the 2nd of February 2021.

Registration fee can be deposited through Demand Draft (DD) as per the details mention bellow.

Name of the Bank: Arab Tunisian Bank | Account Number: TN59 0100 9052 1100 0127 7737 | Swift Code: ATB KTNTT | Beneficiary name: Slama Best Choice Company | Office Address: 2 Road Youssef Rouissi Manar 2 Tunis 2092 Tunisia

- Proof of payment should be submitted to secretariat@seahf.net
- Include in the email your first name, surname, position, university/institution, address and passport number. At the same time, you can ask for an invitation letter to apply for your visa, if required.
- Registration confirmation will be given after checking the payment is correct and corresponds to the author.