

تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



4th

The Edition

of the International Conference on “Advanced Intelligent Systems for Sustainable Development” (AI2SD'2022)

22 – 30 May 2022



الرباط عاصمة الثقافة
في العالم الإسلامي

Rabat, Culture Capital in the Islamic World
Rabat, Capitale de la culture du monde islamique

تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



AI2SD'2022

The New Moroccan
Development Model for
Meeting the Challenges of
the Industrial Revolution



www.ai2sd.com

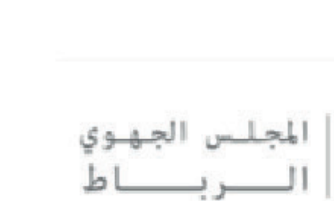


ai2sd



الرباط عاصمة الثقافة
في العالم الإسلامي

Rabat, Culture Capital in the Islamic World
Rabat, Capitale de la culture du monde islamique



تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



The 4th edition
of the International Conference on
“**Advanced Intelligent Systems for
Sustainable Development**”
(AI2SD’2022)

TRACK | DIGITAL HEALTH

TOPIC

Rising Trends of Emerging Digital
technologies challenge future of health



TRACK CHAIRS



Pr. Hassan GHAZAL
President of the Moroccan
Association of Telemedicine
and E-Health, Morocco



Pr. Wajih RHALEM
ENSAM, UM5 Rabat,
President of the Moroccan
Society of Digital Health Morocco

MODERATOR



Pr. Najib AI IDRISSE
Mohammed VI University
of Health Sciences, General
Secretary of the Moroccan Society
of Digital Health, Morocco

PANEL LIST



Pr. Chakib NEJJARI
President of the Mohammed VI
University of Health Sciences,
Morocco



Pr. Anas DOUKKALI
Former Minister of Health,
Morocco



Pr. Thomas DRUYEN
Director and Founder of the Institute
for future Psychology and future
management Sigmund Freud University.
Vienna, Austria



Pr. Jochen WERNER
Medical Director and CEO,
University Medicine of Essen,
Germany



Pr. Abdelhamid ERRACHID EL SALHI
Full Professor Class Exceptional Class,
University Claude Bernard,
Lyon, France



Pr. Oussama BARAKAT
University of Franche-Comté
Besancon, France



Pr. Fatima Zahra ALAOUI
Dean of the Faculty
of Medicine of Laâyoune,
Morocco



Dr. Issame OUTALEB
CEO and Founder PharmaTrace,
Munich, Germany



Pr. Brahim BENAJI
ENSAM, Mohammed
V University in Rabat,
Morocco



تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



The 4th edition
of the International Conference on
“**Advanced Intelligent Systems for
Sustainable Development**”
(AI2SD’2022)

TRACK | INDUSTRY

TOPIC

Digital Transformation and AI are a
lever of the Industrial Revolution 4.0

TRACK CHAIRS

Pr. Janusz KACPRZY
Polish Academy of Sciences, Poland

Pr. Mohamed ZERIAB ES-SADEK
ENSAM, Mohammed V University in Rabat

MODERATOR

Dr. Muhammad SHARIF
Advisor/ Science and Technology at ICESCO

PANEL LIST

Pr. Tarkan GÜRBÜZ,
Middle East Technical University (METU), Ankara, Turkey

Pr. Plamen KIRADJIEV
German Edge Cloud (GEC), Friedhelm Loh Group Germany

Pr. Abdel LABBI
Head of Data & AI Platforms Research, IBM Distinguished EngineerIBM Research - Europe

Pr. Mostafa EZZIYANI
Professor at Faculty of Sciences and Technologies of Tangier, Morocco

Dr. Ghizlane BOUSKRI
Senior Data Scientist at Volkswagen Group, Germany

Pr. Levent TRABZON
Mechanical Engineering, Istanbul Technical University, Turkey

Pr. Marius M. BALAS
Aurel Vlaicu University of Arad

Pr. El Hassan ABDELWAHID
Cadi Ayyad University, Marrakech

Pr. Afef BOHLI
assistant professor at the higher institute of computer science and the cofounder of Digi smart solutions



تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



The 4th edition
of the International Conference on
“**Advanced Intelligent Systems for
Sustainable Development**”
(AI2SD’2022)

**TRACK | AGRICULTURE 4.0
AND FOOD SECURITY**

TOPIC

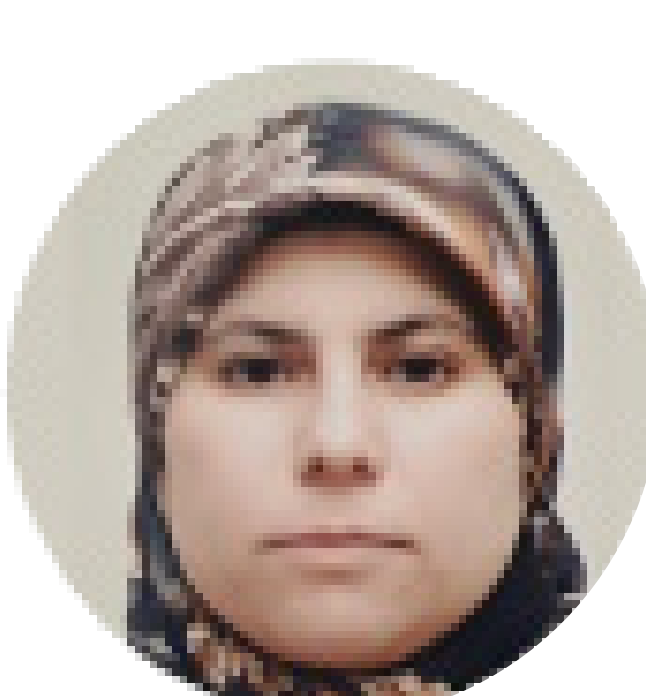
**Smart Agriculture and Global
Challenges on Food Security**



TRACK CHAIRS



Pr. Osama RAYIS
Chair of Agripreneurship, Arab
Organization for Agricultural
Development (AOAD)



Pr. Laila Ben Allal
FST Abdelmalek Essaadi
University Morocco

MODERATOR



Pr. Mohammed Larbi KERKEB
Dean of the Polydisciplinary Faculty at
Larache Abdelmalek Essaadi University
(Morocco)

PANEL LIST



Pr. Ibrahim Adam Ahmed EL-DUKHERI
The Director General of the Arab
Organization for Agricultural Development
(AOAD)



Pr. Ahmed ALLAM
President world association
for sustainable Development
Senior Policy Fellow Queen Mary
University of London (UK)



Pr. Valentina EMILIA BALAS
Aurel Vlaicu University of Arad,
Romania



Pr. Mostafa EZZIYYANI
Professor at Faculty of Sciences
and Technologies
of Tangier, Morocco



Faissal SEHBAOUI
CEO of AgriEDGE, attached to
the Mohammed VI Polytechnic
University



Pr. Jaime LLORET
Department of Communications
Polytechnic University of Valencia
(Spain)



Pr. Hanan MELKAOU I SSA MOUHAMED
Yarmouk University, Irbid, Jordan



Pr. Hossana TWINOMURINZI
Head | Centre for Applied
Data Science at University of
Johannesburg (South Africa)



تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



The 4th edition
of the International Conference on
“**Advanced Intelligent Systems for
Sustainable Development**”
(AI2SD’2022)

**TRACK | EDUCATION
AND ECONOMY**

TOPIC

**The Education Perspective of Knowledge
Economy – The Drive for Achieving
Future Nation Growth**



TRACK CHAIRS



Pr. Loubna CHERRAT
Abdelmalek Essaadi University
(Morocco)



Pr. Abdelah AZMANI
Abdelmalek Essaadi University
(Morocco)

MODERATOR



Pr. Omar HALLI
Advisor to the Director General
of the Federation of Universities
of the Islamic World (ICESCO)

PANEL LIST



Pr. Abdelhafid DEBBARH
Chief of Staff/ Advisor to the
President. UIR



Mr. Hatim RHALEM
EPSON sales manager
Morocco



Pr. Faeiz GARGOURI
Vice President University
of Sfax – Tunisia



Pr. Adil BOUSHIB
Regional Manager Microsoft,
Germany.



Dr. Nasser KETTANI
Entrepreneur, ExO Coach,
Digital Transformation Expert, Exponential
Thinker, Certified DPO, Accessibility Expert



Pr. Kaoutar EL MENZHI
Head of Digital Learning Center UM5R,
Morocco.



Pr. Khairiah MOHD-YUSOF
President, Johor Bahru, Johore,
Malaysia



Pr. Youssef TAHER
Center of Guidance and Planning
of Education - Morocco



تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



The 4th edition
of the International Conference on
“**Advanced Intelligent Systems for
Sustainable Development**”
(AI2SD’2022)

TRACK | ENERGY

TOPIC
**ENERGY AND TECHNOLOGICAL
TRANSFORMATION**



TRACK CHAIRS



Pr. Mustapha MAHDAOUI
FST, Abdelmalek Essaadi
University Morocco



Pr. M'Hamed AIT KBIR
Abdelmalek Essaadi University,
Morocco

MODERATOR



Pr. Mohammed AHACHAD
Abdelmalek Essaadi University,
Morocco

PANEL LIST



Rachid YAZAMI
Scientist, engineer,
and inventor Morocco



Dr. Badr IKKEN
General Director IRESEN
Morocco



Pr. Amin BENNOUNA
Cadi Ayyad University,
Morocco



Pr. Mohamed ESSAAIDI
ENSIA, Mohammed V
University in Rabat, Morocco



Pr. Hamid OUADIA
ENSAM, Mohammed V University
in Rabat, Morocco



Pr. Khalid ZINEDINE
Faculty of Sciences, Mohammed V
University in Rabat, Morocco



Pr. Tarik CHAFIK
FST, Abdelmalek Essaadi University
Morocco



Pr. Abdoukader IBRAHIM IDRIS
Dean of Faculty of Engineering
University of Djibouti, Djibout



تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



The 4th edition of the International Conference on
“Advanced Intelligent Systems for Sustainable Development”
(AI2SD’2022)

ENSAM RABAT Organizes In Cooperation with ICESCO,
AMED and FMPTD an Artistic Workshop Entitled

MEETING BETWEEN ART AND SCIENCE

TRACK CHAIRS



Pr. Wajih RHALEM
ENSAM, Mohammed V University
First Vice President of AMED



Ing. Mounir LOUGMANI
General Secretary of the association
of German Moroccan friends DMF eV -
President of International Relationship
of Magazines Marokko.com

ARTISTES



Belaid BELHAOUI



Aziza JAMAL



Mohamed QARMAD



Amal LAHLOU



Laïla HAJJI



Najlaa LAHBIBI



IRAQI LEILA KAWASH



Toufa ALHARAH



Bakhchi MESTABA



Rachid ZIZI



Chahidi ABDELILLAH



Naima ACHERKOUK



Amal EL FELLAH



Othmane CHEMLANI



Zouhir CORADIDI



تحت الرعاية السامية لصاحب الجلالة الملك محمد السادس، نصره الله
Under the high patronage of His Majesty King Mohammed VI, may Allah assist him.



The 4th edition of the International Conference on
“Advanced Intelligent Systems for Sustainable Development”
(AI2SD’2022)

MEETING BETWEEN ART AND SCIENCE

