

PROGRAMME DEFINITIF

JEUDI 17 OCTOBRE	
8H00 – 9H00	INSCRIPTION
9H00 – 9H30	SEANCE D'OUVERTURE DE LA CONFERENCE MOT DU PRESIDENT, MOT DU DIRECTEUR DE L'ENSA, MOT DU COMITE D'ORGANISATION
9H30 – 10H30	Conférence plénière 1 : Plateformes technologiques dédiées à l'industrie 4.0 <i>Khaled BENFRIHA</i> , maître de conférences à l'école Nationale Supérieure d'Arts et Métiers, Paris, France <i>Chairman : Pr. Rachid Benmoussa</i>
10H30 – 11H00	PAUSE CAFE
11H00 – 12H00	Conférence plénière 2 : Retour d'expériences de déploiement IIOT et IA en amélioration TRS et efficacité Énergétique en industrie <i>Taher MOUNI</i> , CEO Beyond 4.0 <i>Chairman : Pr. Fatima BOUYAHIA</i>
12H00 – 13H00 SESSIONS PARALLELES	
Session 1: Supply Chain, Supply Chain 4.0 <i>Chairman: Pr Badr DAKkak</i>	Session 2 : Durabilité <i>Chairmans : Pr. Allaoui Ali & Pr. Dahbi Samia</i>
A Comparative Analysis of Linear and Circular Supply chains Performance: A simulation Approach Khadija Echefaj, Abdelkadir Charkaoui, Anass Cherrafi	Environmental Tax Approach (ETA) application for the product and supply chain configuration problem Mohamed Barane, Latifa Ouzizi and Mohammed Douimi
Reviewing the Integration of Blockchain in Electronic Medical Records within the Pharmaceutical Supply Chain SALOUA MIHOUBI, TOURIA BENAZZOUZI AND HANANE BELMOUSS	Designing sustainable products to satisfy customer needs and reduce environmental impact: A systematic review of the ANP-QFD-ACV approach to sustainable innovation RAZZOUK Khaoula, ELHAROUNI Fatine and AAMOUCHE Ahmed
Study of the Impact of Lean Management Tools and the IATF Automotive Standard on Product and Process Quality Management Oumaima El Affaki, Mariam Benhadou and Abdellah Haddout	ISO 14001 certification as a strategic means of decarbonization: a multi-case study investigation Afaf Camel, Fatima Ezahra Touriki and Amine Belhadi
13H00 – 14H00 DEJEUNER	
14H00 – 14H45	Conférence plénière 3 : Les Systèmes Cyber physique de production et logistique (CPPLS) : Concepts, Techniques & Applications <i>Rachid BENMOUSSA</i> , Enseignant Chercheur à l'ENSA de Marrakech, Université Cadi Ayyad <i>Chairman : Khaled BENFRIHA</i>
14H45 – 16H05 SESSIONS PARALLELES	

<p>Session 3 : Industrie 4.0 Chairman : Pr. TOURIKI Fatima Ezahra</p>	<p>Session 4: Lean, Lean 4.0 Chairman : Pr Abdelkabir Cherkaoui</p>
<p>Agri-food supply chain under labor constraints and blockchain technology Salma Garra, Clément Bamogo, Mustapha Oudani, Anass Sebbar, Amine Belhadi and Zied Achour</p>	<p>Implementation of 5S lean tool in a higher education institution Ali Allaoui and Rachid Benmoussa</p>
<p>Empowering Industry 5.0 Supply Chain: Insights from a Systematic Literature Review of Digital Maturity Models Saloua Mihoubi, Touria Benazzouzi and Khalid Auhmani</p>	<p>Cutting parameters of milling process optimization to minimize material removal power for AISI 1045 steel Fatima Zohra El Abdelaoui, Abdelouahhab Jabri and Abdellah El Barkany</p>
<p>Exploring the transition from Maintenance 4.0 towards Maintenance 5.0: A Systematic Literature Review Zineb Aktef, Anass Cherrafi, Said Elfezazi and Dounia Skalli</p>	<p>Enhancing Student Outcomes through Educational Big and Data Mining: A Review of the State of Art Fatima-Ezzahra Afif, Fatima Bouyahia and Leila Rafouk</p>
<p>The blockchain technology for financial inclusion of smallholder farmers in Africa Yassine Elkoraichi, Said Elfezzazi and Amine Belhadi</p>	<p>Managers' Insights on Industry 4.0: Benefits, Strategies and Obstacles Loubna Ben Heddi, El Hassan Irhirane and Badr Dakkak</p>
<p>16H05 – 16H20 PAUSE-CAFE</p>	
<p>16H20 – 17H40 SESSIONS PARALLELES</p>	
<p>Session 5 : Industrie 4.0 Chairman : Pr. Anas Cherrafi</p>	<p>Session 6 : Sujets Transversaux (A distance) Chairman : Pr. Said ELfezazi</p>
<p>Digital twin for supply chain improvement: A case study of a building company Zineb Nafi, Rachid Benmoussa and Fatine Elharouni</p>	<p>Transforming Maintenance Performance through Lean-TRIZ El Ghalya Laaroussi, Badr Dakkak and El Hassan Irhirane</p>
<p>Artificial Intelligence in Cardiovascular Decision Making: A Tool for 3D Heart Modeling and Simulation of Tetralogy of Fallot Aya Abiya, Fatima Bouyahia, Drissi Boumzebra, Mouhcine El Mardouli and Ahmed A Amouche</p>	<p>Port Community Systems and organizational performance: A socio-technical approach to evaluation. Chafik Bensfia and Sanaa Aidi</p>
<p>The Transformative Role of Machine Learning Algorithms in Supply Chain Management: A Systematic Literature Review Khaoula Elkabtane, Touria Benazzouz, Samya Dahbi and Khalid Auhmani</p>	<p>Driving lean practices to improve procurement in supply chains through Industry 4.0 Sana Elhidaoui, Khalid Benhida, Said Elfezazi and Siham Tissir</p>
<p>A machine learning approach based on contract parameters for cost forecasting in construction Maroua Ben Talha, Fatima-Zahrae Houari, Asmaa Benghabrit and Mohamed Sayf Eddine Rhazi</p>	
<p>17H45 Diner de Gala</p>	