PROGRAMME PRELIMINAIRE

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** *Khaled BENFRIHA*, maître de conférences à l'école Nationale Supérieure d'Arts et Métiers, Paris, France *Chairman :*
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** *Taher MOUNI*, CEO Beyond 4.0 *Chairman :*
12H00 – 13H00 SESSIONS PARALLELES	

Session 1: Supply Chain, Supply Chain 4.0 Chairman:	Session 2: Durabilité Chairman:
A Comparative Analysis of Linear and Circular Supply chains Performance: A simulation Approach Khadija Echefaj, Abdelkabir Charkaoui, Anass Cherrafi	**Environmental Tax Approach (ETA) application for the product and supply chain configuration problem** Mohamed Barane, Latifa Ouizizi 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 – 15H00	**Conférence plénière 3 : Les Systèmes Cyber physique de production et logistique (CPPLS) : Concepts, Techniques & Applications** *Rachid BENMOUSSA*, Enseignant Chercheur à l'ENSA de Marrakech, Université Cadi Ayyad *Chairman :*
15H00 – 16H20 SESSIONS PARALLELES	

Session 3 : Industrie 4.0 Chairman :	Session 4: Lean, Lean 4.0 Chairman:
Agri-food supply chain under labor constraints and blockchain technology Salma Garra, Clément Bamogo, Mustapha Oudani, Anass Sebbar, Amine Belhadi and Zied Achour	**Implementation of 5S lean tool in a higher education institution** Ali Allaoui and Rachid Benmoussa
Empowering Industry 5.0 Supply Chain: Insights from a Systematic Literature Review of Digital Maturity Models Saloua Mihoubi, Touria Benazzouzi and Khalid Auhmani	**Transforming Maintenance Performance through Lean-TRIZ** El Ghalya Laaroussi, Badr Dakkak and El Hassan Irhirane
Exploring the transition from Maintenance 4.0 towards Maintenance 5.0: A Systematic Literature Review Zineb Aktef, Anass Cherrafi, Said Elfezazi and Dounia Skalli	**Driving lean practices to improve procurement in supply chains through Industry 4.0** Sana Elhidaoui, Khalid Benhida, Said Elfezazi and Siham Tissir
The blockchain technology for financial inclusion of smallholder farmers in Africa Yassine Elkoraichi, Said Elfezzazi and Amine Belhadi	**Managers' Insights on Industry 4.0: Benefits, Strategies and Obstacles** Loubna Ben Heddi, El Hassan Irhirane and Badr Dakkak

16H20 – 16H50 PAUSE-CAFE

16H50 – 17H50 SESSIONS PARALLELES

Session 5: Industrie 4.0 Chairman:	Session 6 : Sujets Transversaux Chairman :
Digital twin for supply chain improvement: A case study of a building company Zineb Nafi, Rachid Benmoussa and Fatine Elharouni	**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
Artificial Intelligence in Cardiovascular Decision Making: A Tool for 3D Heart Modeling and Simulation of Tetralogy of Fallot Aya Abiya, Fatima Bouyahya, Drissi Boumzebra, Mouhcine El Mardouli and Ahmed A Amouche	**Enhancing Student Outcomes through Educational Big and Data Mining: A Review of the State of Art** Fatima-Ezzahra Afif, Fatima Bouyahia and Leila Rafouk
The Transformative Role of Machine Learning Algorithms in Supply Chain Management: A Systematic Literature Review *KHAOULA ELKABTANE, TOURIA BENAZZOUZ, SAMYA DAHBI AND KHALID AUHMANI*	**Port Community Systems and organizational performance: A socio-technical approach to evaluation.** Chafik Bensfia and Sanaa Aidi

17H50 – 18H15 CLOTURE

21H Diner de Gala

VENDREDI 18 OCTOBRE

Programme Social *(en construction)*