Room		*Start*	*End*	*Title*	*Authors*
				Morning	
LANDERCY	**Introduction**	08:30	08:45	Introduction to the CREAM 5.0 international conference	**Lucas Equeter**
LANDERCY	**Plenary 1**	08:45	09:30	***Latest situation of Society 5.0 in Japan and discussion on convergence knowledge***	**Masao Nakagawa**
LANDERCY	**Session 1**			**Education, Training & Sustainable Work Organization**	
		09:30	09:50	Centres of Vocational Excellence as Learning Organisations	**Tamas Gyulai**
		09:50	10:10	Training the Task Force for the Industry 5.0 Transition: Insights from the Erasmus+ CoDEMO Project	**Nathalie Douard**, Nadine Dubruc, Elena Elias, Raksmey Phan and Xavier Boucher
		10:10	10:30	Operationalising Sustainable Asset Management for Industry 5.0: A Practical Framework to Improve Energy Efficiency and Reduce Emissions	**Wim Vancauwenberghe**
		10:30	11:00	Coffee Break	
		11:00	11:20	From Fatigue Models to Factory Floors: An Experimental Design for Human-Centered Production Scheduling in Industry 5.0	**Pyrame Beghain**, Lucas Equeter and Pierre Dehombreux
		11:20	11:40	Challenge-Based Learning as a University Transformation Framework for Industry 5.0: Integration within UPM–EELISA Ecosystems, FabLabs and Circular Economy	**Mluisa Mtz Muneta**, Ruth Carrasco-Gallego, Javier Gomez-Fernandez and Alejandro Badolato
		12:00	12:20	How the Rotating Machine Service industry and EASA members are making progress in Industry 5.0	**Frédéric Beghain**
6.05		12:20	13:30	Lunch break	

Room		*Start*	*End*	*Title*	*Authors*
				Afternoon	
3.09	Plenary 2	13:30	14:15	***Shaping Minds, Designing Resilient Futures: Engineering for the 5.0 Era***	**Ruth Carrasco**
PM 1	**Session 2**			**Sustainable Manufacturing, Materials & Process Optimization**	
3.09		14:25	14:45	Circular Logistics for Reusable Retail Assets	**Fouad Riane**
		14:45	15:05	Availability Based Design (ABD) : A Resilient and Time Efficient Approach to Product Design – Improving Designer's Response to Modern Constraints	**Pierre Dupont**, Hugo Dantinne, Lucas Equeter, Pierre Dehombreux and Edouard Rivière-Lorphèvre
		15:05	15:25	Society 5.0 – oriented manufacturing system for plastic-alternative 100% bamboo self-adhesive products: visualization and adaptive control of vibration characteristics during bamboo culm cutting for fine bamboo fiber	**Kaito Tanaka**, Yutaro Nakahara, Masao Nakagawa, Toshiki Hirogaki and Hiromichi Nobe
		15:25	15:45	Valorization of banana residues through plant fiber extraction in Cameroon: integration into the industry 5.0 paradigm and technical and economic analysis of a sustainable value chain	**Alex Duplex Ngomsi**, Christian Fokam Bopda, Anatole Chengoué Mbouyap, Pierre Dehombreux and Aurore Richel
		15:45	16:05	Optimization of Processing Routes and Sustainability of Banana-Fibre-Based Biocomposites	**Dave Sanchez Dongmo Mouafo**, Pierre Dehombreux, Paul Alain Kouteu Nanssou, Lucas Equeter and Martin Ruben Mouangue
		16:05	16:25	Human Factors Assessment for Manufacturing Process Selection. A Rapid Evaluation Methodology Based on the BICEPS Taxonomy. Application to the Design of a Biocomposite Production Line in Cameroon including 5.0 concepts.	**Pierre Dehombreux**, Johann Abel Fotsi, Lucas Equeter and Paul Alain Kouteu Nanssou
		16:25	16:45	Joint Cost and Environmental Assessment of Tool Replacement Strategies Under Imperfect Wear Monitoring in Milling	**Lorenzo Colantonio**, Gérôme Moroncini, Olivier Sénéchal, Pierre Dehombreux, François Ducobu and Lucas Equeter
		16:45	17:05	Comparison of the environmental impact of the replacement of an automatic transaxle by a new one or a remanufactured one	**Gérôme Moroncini**, Lucas Equeter, Olivier Sénéchal and Pierre Dehombreux

PM 2	**Session 3**			**Asset Management, Digital Twins & Decision Support**	
3.10		14:25	14:45	Industry 5.0 Virtual Hubs for Society 5.0 objectives	**Tamas Gyulai**, Marianna Nagy and Sebastian Capotescu
		14:45	15:05	Information Structuring for Asset Management 5.0: The Case of an Energy Maintenance-Oriented Digital Twin in the JUMENGI Project	**Rahhal Anabell**e and Leclercq Pierre
		15:05	15:25	Multi-Stakeholder Decision Making for Medical Equipment Management and Crisis Resilience.	**Molk Souguir**, Lucas Equeter, Pierre Dehombreux, Frédéric Brichard and Stany Denoulet
		15:25	15:45	From Siloed Technical Governance to Multidisciplinary Asset-Centred Maintenance Leadership	**Rikke Frank-Daub**, Alan Larsen and Mattias Straub
		15:45	16:05	Point cloud geodesic distance algorithm for part inspection	**Alex Bolyn** and Eric Béchet
		16:05	16:25	Human-Centric Asset Management 5.0 for Reverse Osmosis in Beverage Production: A Digital Twin Coupled with VR/AR for Energy, Maintenance and Skills	**Soufiane Embarki** and Yousra El Kihel
		16:25	16:45	A Human-Centered Digital Approval Architecture for Sustainable and Resilient Smart Manufacturing	**Kaouthar Siraji**, Bachir Elkihel and Soufiane Embarki
		16:45	17:05	Digital Twin-Enabled Asset Management for Energy Efficiency and Resilient Industrial Systems in the Context of Industry 5.0 : A Bibliometric and Systematic Review	**Sabah Haddaoui**, Bachir El Kihel, Soufiane Embarki and Ali El Kihel

6.05		17.10		Closing & networking drink	