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| 11:40 | OPENING SESSION | Join Zoom Meeting Meeting ID: 952 5062 5852 https://cutt.ly/bEJA4eZ | Prof. Paul Maropoulos, DET General Chair, Dr. József Váncza, DET Programme Chair | | | | | |
| 12:00 | PLENARY KEYNOTE | | Revitalizing human-machine interaction for the advancement of society Dr. Youichi Nonaka, Center for Technology Innovation - Production Engineering, Hitachi, Ltd, Japan | | | | | |
| 12:40 | A1: CIRCULAR ECONOMY, DIGIPRIME | Join Zoom Meeting Meeting ID: 937 1107 4366 https://cutt.ly/CEJSUau | Demand-supply matching through auctioning for the circular economy https://cutt.ly/EERRse2 | Ulf Bodin, Siddhant Dhanrajani, Abdelrahman H. Abdalla, Marco Diani, Felix Klenk, Marcello Colledani, Emanuel Palm, Olov Schelén | B1: ROBOTICS | Join Zoom Meeting Meeting ID: 945 6577 8122 https://cutt.ly/JEJDVGI | Cobot attack: a security assessment exemplified by a specific collaborative robot https://cutt.ly/qERRWj6 | Siegfried Hollerer, Clara Fischer, Bernhard Brenner, Maximilian Papa, Sebastian Schlund, Wolfgang Kastner, Joachim Fabini, Tanja Zseby |
| 13:00 | | | The DigiPrime KPIs' framework for a circular economy transition in the automotive industry https://cutt.ly/0ERLwD3 | Eleni Kanellou, Konstantinos Alexakis, Panagiotis Kapsalis, Panagiotis Kokkinakos, Dimitris Askounis | | | Multi-modal interfaces for natural Human-Robot Interaction https://cutt.ly/XERRRhX | Dionisis Andronas, George Apostolopoulos, Nikos Fourtakas, Sotiris Makris |
| 13:20 | | | Automated identification of circular value chains and synergies https://cutt.ly/vERRosx | Luca Gentilini, Carlo Polidori, Matteo Fervorari, Marcello Colledani | | | Requirements analysis for automating product testing in aerospace manufacturing https://cutt.ly/OERRYWH | Mohammed Elsouiri, James Gao, Alister Wilson, Lancelot Martin, Robin Pyee |
| 13:40 | | | A digital platform for cross-sector collaborative value networks in the circular economy https://cutt.ly/XERRyGY | John Soldatos, Nikos Kefalakis, Angela-Maria Despotopoulou, Ulf Bodin, Andrea Musumeci, Antonella Scandura, Carlo Aliprandi, Dena Arabsoylgar, Marcello Colledani | | | A simultaneous localization and mapping algorithm for sensors with low sampling rate and its application to autonomous mobile robots https://cutt.ly/UERRIHK | Krisztián Balázs Kis, János Csempez, Balázs Csanád Csáji |
| 14:00 | BREAK | | | | | | | |
| 14:20 | A2: CIRCULAR ECONOMY, DIGIPRIME | Join Zoom Meeting Meeting ID: 913 7246 9138 https://cutt.ly/NEJS54k | Method for quantifying the value of information for production control in cross-company value-adding networks https://cutt.ly/DERRh1k | Alexander Zipfel, Daniel Herdeg, Philipp Theumer | B2: PRODUCTION PLANNING AND CONTROL | Join Zoom Meeting Meeting ID: 943 1786 1802 https://cutt.ly/4EJHzOu | Suitability of Self-Organization for Different Types of Production https://cutt.ly/mERRPbm | Martin Krockert, Marvin Matthes, Torsten Munkelt |
| 14:40 | | | Digitalization as an enabler of the Circular Economy of electronics https://cutt.ly/2ERRIVf | Laura Talens Peiró, Francesco Baiguera, Andrea Maci, Marco Olivieri, Paola Villa, Marcello Colledani, Xavier Gabarrell i Durany | | | Robustness evaluation of production plans using Monte Carlo simulation https://cutt.ly/bERRSLj | Susanne Franke, Felix Franke, Ralph Riedel |
| 15:00 | | | Enabling cross-sectorial, circular economy transition in SME via digital platform integrated operational services https://cutt.ly/uERRcnz | Gianfranco Pedone, Richárd Beregi, Krisztián Balázs Kis, Marcello Colledani | | | Work in Progress Level Prediction with Long Short-Term Memory Recurrent Neural Network https://cutt.ly/eERRFIK | Viola Gallina, Lukas Lingitz, Johannes Breitschopf, Elisabeth Zudor, Wilfried Sihm |
| 15:20 | | | Global supply chain quality integration strategies and the case of the Boeing 787 Dreamliner development https://cutt.ly/uERRb8s | Roland Schmuck | | | Production rescheduling through product quality prediction https://cutt.ly/SERRHzF | Maik Frye, Dávid Gyulai, Júlia Bergmann, Robert H. Schmitt |
| 15:40 | | | | | | | Enhance of OEE by hybrid analysis at the automotive semi-automatic assembly lines https://cutt.ly/fERRKXW | Péter Dobra, János Jósmai |
| 16:00 | CLOSE OF DAY | | | | | | | |