



The 4th FIT Europe Seminar

Integrating Assistive Robots in a Multicultural and Multigenerational Society

March 21-25, 2022 - Bucharest, Romania

University POLITEHNICA of Bucharest - Center for Advanced Research on New Materials, Products and Innovative Processes (CAMPUS)

<http://fit-europe.eu>



Monday, Mar 21

Tuesday, Mar 22

Wednesday, Mar 23

Thursday, Mar 24

Friday, Mar 25

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| | <i>Arrival of participants</i> | | | | |
| 09:30 - 11:00 | Welcome address | Privacy by design in embedded systems - Harald Kosch <i>online</i> | Elderly Assistance and Monitoring Using a Robotic Platform - Irina Mocanu & Alex Awada | Critical raw materials, conflict minerals and shortfall of elements used in electronic and electrical devices. An approach taking into account recycling and recovery of materials - Daniela Nastac | Ethical implications of AI use and user-centered design - Dorin Stanciu |
| 11:00 - 11:30 | | <i>Coffee break</i> | <i>Coffee break</i> | <i>Coffee break</i> | <i>Coffee break</i> |
| | <i>Coffee break</i> | | | | |
| 11:30 - 13:00 | Robot Autonomy and the Unknown Environment - Dan Novischi | Security, Privacy and Ethical issues for next-gen Automotive - Ashish Ashutosh | Assessing risks in a data science project - Vasile-Marian Scuturici <i>online</i> | From service to assistive robotics with EARL-based system engineering - Tomek Winiarski <i>online</i> | Presentations |
| 13:00 - 14:30 | | <i>Lunch</i> | <i>Lunch</i> | <i>Lunch</i> | |
| 14:30 - 16:00 | Robotic Swarms: the Quest for Safety - Xavier Urbain <i>online</i> | Social Robotics: Challenges and Applications - Alexandru Sorici | Towards a Society of (Augmented) Humans, (Intelligent) Avatars and Digital twins, and Robots, : an Open Discussion - Lionel Brunie | Smart Health Records: How can we do better? - Paolo Ceravolo <i>online</i> | Closing |
| 16:00 - 16:30 | | <i>Coffee break</i> | <i>Coffee break</i> | <i>Coffee break</i> | |
| 16:30 - 18:00 | Improving human-robot interaction with AI: practical examples with Pepper and other robots - Amélie Cordier <i>online</i> | Intelligent Automation at Estée Lauder Companies - Garima Yadav, Andreea Raica, Corina Agarici | Robot Autonomy and the Unknown Environment - Dan Novischi <i>hands-on</i> | Robot Autonomy and the Unknown Environment - Dan Novischi <i>hands-on</i> | |
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FIT Europe dinner

