

EUROPEAN ROBOTICS FORUM







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EVENT PROGRAMME







20 - 22 March 2019

Bucharest - Romania

www.erf2019.eu

| | | | | | | | |
|---------------|--|---|---|---|---|---|--|
| 19 March | euRobotics General Assembly (members only, different location) | | | | | | |
| 15:00 - 19:00 | | | | | | | |
| 20 March |  UNIVERSAL ROBOTS |  |  |  |  |  | Brasov |
| | Salon D | Salon C | Salon B | Salon A | Braila | Galati | |
| 08:30 - 10:00 | H2020 and DIHs | | | Tech updates | Tech updates | Tech updates | Awards |
| | From Technology Transfer Initiatives To Digital Innovation Hubs | | | Robotics for Logistic and Transport | Collaborative robots for industrial and professional service tasks | Miniaturised robotics for biomedical applications | Pitch Entrepreneurship workshop and award (restricted) |
| | Jon Agirre Ibarbia | | | Jesus Alfonso | Franziska Kirstein | Nicolas Andreff | Troels Oliver Vilms Pedersen |
| 10:00-10:45 | Coffee break | | | | | | |
| 10:45-12:15 | OFFICIAL OPENING | | | | | | |
| 12:15-14:00 | Lunch break | | | | | | |
| 14:00-15:30 | Robotics in Lighthouse areas | | Robotics in Lighthouse areas | Tech updates | cross-PPP | ELSE | Awards |
| | Inspection & maintenance - Robots in action and new possibilities | | Agricultural robots: from the lab to the market | 2nd Workshop on Modular Concepts for Assembly and Handling | Big Data and Robotics - new perspectives for collaboration | Ethics & Corporate Social Responsibility for Inclusive Robotics | Pitch Entrepreneurship workshop and award (restricted) |
| | Aksel Transeth | | Frédéric Colledani | Andreas Bihlmaier | Ana Garcia | Vincent C. Müller | Troels Oliver Vilms Pedersen |
| 15:30-16:15 | Coffee break | | | | | | |
| 16:15 - 17:45 | Robotics in Lighthouse areas | | Robotics in Lighthouse areas | Awards | Tech updates | Robotics and the world | |
| | Robotics, Digitalization and Security -TRINITY DIH Agile Production | | DIH-HERO | Pitch Entrepreneurship workshop and award | Reproducible Robotics 10 years later | Paving the way to culturally-aware robots | |
| | Roel Pieters | | Stefano Stramigioli | Troels Oliver Vilms Pedersen | Fabio Bonsignorio | Antonio Sgorbissa | |
| 19:00 | WELCOME RECEPTION at the Palace of the Patriarchate (Palatul Patriarhiei) | | | | | | |

| 21 March |  UNIVERSAL ROBOTS |  KUKA |  BOSCH |  ABB |  SCHUNK |  THARSUS | Brasov |
|---------------|--|--|---|---|--|---|---|
| | Salon D | Salon C | Salon B | Salon A | Braila | Galati | |
| 08:30 - 10:00 | Tech updates | Robotics and AI | Tech updates | Awards | Tech updates | Robotics and the world | |
| | Topic Group Industrial Robotics - Industrial Challenges and Needs | Robotics and AI - the European Way | Moving Wearable Robots from the Lab to Industrial and Medical Applications | PhD Award pitching session | Machine Intelligence for Automation within Operating Rooms | Fostering robotics through competitions. Past, present and future - 1 | |
| | José Saenz | Patrick Gatellier | Catherine Bidard | Gianluca Antonelli | Riccardo Muradore | Gabriele Ferri | |
| 10:00-10:45 | Coffee break | | | | | | |
| 10:45 - 12:15 | Tech updates | Robotics in Lighthouse areas | Tech updates | Awards | Education | Innovation Strategy | New workshops |
| | 6th Workshop on Hybrid Production Systems - Part 1 | Aerial Robotics Tech&Applications with the new European UAS regulation | World perception for autonomous applications in Agile Production | The 2019 euRobotics Technology Transfer Award | Educating the next generation in robotics - filling the pipeline | Sustainable Public Policies for Innovation and the Future of Work | Innovative Robots for Automotive End-users |
| | Sotiris Makris | Anibal Ollero | Michael Suppa | Martin Haegele | Gerald Steinbauer | María Amparo Grau Ruiz | Gloria Pellischek |
| 12:15-14:00 | Lunch break | | | | | | |
| 14:00-15:30 | Tech updates | Robotics and AI | Safety | Tech updates | Education | Innovation Strategy | New workshops |
| | 6th Workshop on Hybrid Production Systems - Part 2 | Trustworthy Robots - Safety, Credibility, Explainability | COVR - Better ways for safety, certification and validation | Automation and Robotics for Terrestrial large Working Machinery | Educational Robotics Tools In Academia and Beyond | Partnerships between academia and companies in industrial robotics (focus Romania) | Cloud robotics: Deployment prospects and future needs |
| | Sotiris Makris | Michael Hofbaur | Federico Vicentini | Juha Röning | Camila Shiota | Florin Adrian Nicolescu | Stratos Arampatzis |
| 15:30 -16:15 | Coffee break | | | | | | |
| 16:15 - 17:45 | H2020 and DIHs | Robotics and AI | Safety | Tech updates | Tech updates | Innovation Strategy | |
| | Non-traditional funding opportunities - cascade funding /FSTP | AI, Planning and Robotics: Results and Future Challenges | Risk assessment and safety of mobile and collaborative robots | Marine Robotics and Field Applications in EU: witnesses and TG meeting | Space Robotics Meets Underground Robotics for large Working Machinery | Standardization in Robotics | |
| | Reinhard Lafrenz | Andrea Orlandini | Magnus Albert | David Scaradozzi | Juha Röning | Paolo Barattini | |
| 19:00 | GALA DINNER AND AWARDS CEREMONY at Le Chateau | | | | | | |

| 22 March |  UNIVERSAL ROBOTS |  KUKA |  BOSCH |  ABB |  SCHUNK |  THARSUS | Brasov |
|---------------|--|--|---|---|--|---|--|
| | Salon D | Salon C | Salon B | Salon A | Braila | Galati | |
| 08:30 - 10:00 | H2020 and DIHs | Tech updates | Safety | Robotics and the world | Tech updates | Robotics and the world | |
| | EC success stories | Open and sustainable robotics software ecosystems for Europe | Rethinking safety: from collision avoidance to collision management | Tools for collaborative learning with users and policymakers | Towards expendable robot teaming in extreme environments | Responsible Implementation of Service Robots | |
| | Cecile Huet | Susanne Bieller | Erwin Prassler | Cathrine Hasse | Mario Gianni | Johannes Mock | |
| 10:00-10:45 | Coffee break | | | | | | |
| 10:45 - 12:15 | New Workshops | Tech updates | Safety | Tech updates | Tech updates | ELSE | |
| | Blockchain in Robotic Applications | TG Software&System Engineering Meeting | Provable Safety for Robots: Where are we? How far do we have to go? | Applications for Intelligent trenchless underground robotic systems | State of the Art in Humanoid Service Robots | End user needs of Social Robots: Ecosystem, Implications and Policies | |
| | Fabio Bonsignorio | Arne Nordmann | Geoff Pegman | Santiago Martinez de la Casa | Francesco Ferro | Amit Kumar Pandey | |
| 12:15-13:15 | Lunch break | | | | | | |
| 13:15-14:00 | ERF2019 Feedback Session | | | | | | |
| 14:00-15:30 | cross-PPP | Tech updates | Safety | Innovation Strategy | Tech updates | ELSE | Tech updates |
| | Cybersecurity for Robotics | Robotic In-space Services for Protecting Space Ecosystem | Safety Engineering in Robotics Software and Programmable Electronics | The overlooked barrier - change management during robotization | Construction robotics (more info to come...) | Alternative approaches to liability in robotics | Robotic inspection, maintenance and operation in harsh environment |
| | Ulrich Seldeslachts | Mini C. Saaj | Huascar Espinoza | Adam Schmidt | Sigrid Brell-Cokcan | Andrea Bertolini | Ladislav Vargovčik |
| 15:30-16:15 | Coffee break | | | | | | |