

Robotics-2021

Tentative
Program

**3rd World Conference on
Robotics and Artificial Intelligence**

June 24-26, 2021



Day 1, June 24, 2021 CEST (EUROPE) GMT+1**Starts @ London Time Zone****Plenary Sessions**

09:00-09:40	Title: Servo Electro-Hydraulic Actuator for Humanoid Robotics and Assistive Devices Samer ALFAYAD, Paris-Saclay University, France
09:40-10:20	Title: Lean Robotics: From Technology Readiness to Business Readiness Stelian BRAD, Technical University of Cluj-Napoca, Romania

Keynote Sessions

10:20-10:50	Title: A Humanoid Robot as a Companion: Is It an Ever Dream or a Reality? Nadia Thalmann, University of Geneva, Switzerland
10:50-11:20	Title: Artificial Intelligence Application in Rehabilitation Robotics Yu Hong-liu, University of Shanghai for Science and Technology (USST), China
11:20-11:50	Title: Physical Artificial Intelligence for Aerial Robotics Mirko Kovac, Imperial College London, United Kingdom
11:50-12:20	Title: Critically Reviewing Smart Home Technology Applications and Business Models in Europe Benjamin K. Sovacool, University of Sussex, United Kingdom
12:20-12:50	Title: The Calibration and Planning for Robotic Machining Complex Surface Parts Wenlong Li and Dr. Gang Wang, Huazhong University of Science and Technology, China

Sessions Break**Invited Sessions**

13:00-13:25	Title: Rehabilitation Robotics applied to Integrated Community Care System in Japan Taisuke Sakaki, Kyushu Sangyo University, Japan
13:25-13:50	Title: Prediction after a Horizon of Predictability: Multi-Step ahead Prediction of a Chaotic Time Series Vasilii A. Gromov, HSE University, Moscow, Russia
13:50-14:15	Title: Artificial Intelligence for Health: Technological and Ethical Challenges Giuseppe De Pietro, Director ICAR CNR, Italy
14:15-14:40	Title: Decoding Reaching and Grasping from Superior Parietal Lobule: Deep Learning Approaches to Study Matteo Filippini, University of Bologna, Italy
14:40-15:05	Title: The Quechua Expert Robot Maximiliano Duran, University De Franche Comte, France

End of the Sessions**Day 2, June 25, 2021 EDT (USA) GMT-4**

Starts @ New York Time Zone	
Plenary Sessions	
09:00-09:40	Title: Continuum Robot Hoses and Applications Ian D. Walker, Clemson University, USA
09:40-10:20	Title: Future Smart Robotics Eduard Babulak, Liberty University, United States
Keynote Sessions	
10:20-10:50	Title: AI and Robotics Technology, Products, and Business Development Andrew Goldenberg, University of Toronto, Canada
10:50-11:20	Title: Integrating Robotics with AI-ML-Human Collaboration for Better Performance Tony McCaffrey, Head of Computer Science Department, Eagle Hill School, United States
Invited Sessions	
11:20-11:45	Title: Vibrational Control: Mysterious Stabilization Mechanism in Bioinspired Flying Robots Haithem E. Taha, University of California, United States
11:45-12:10	Title: The Role of Unmanned Aerial Vehicles in Telemedicine and Healthcare Delivery Andrea Weitz, University of Southern California, Keck School of Medicine, USA
12:10-12:25	Sessions Break
Poster Presentations	
12:25-12:45	Title: Monitoring and Detecting Anomalies in a Smart Devices Using an Lstm Approach Sylvia Worlali Azumah, University of Cincinnati. USA
12:45-13:05	Title: Lightweight Framework for Cyberbullying Image Detection on Social Media Platforms Victor Adewale Adewopo and Sylvia Azumah, University of Cincinnati, USA
13:05-13:25	Title: Video Annotation and Preprocessing for Action Recognition Tasks in Computer Vision Victor Adewale Adewopo, University of Cincinnati, USA
End of the Sessions	