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3rd International Conference on

Advanced Robotics, Mechatronics and Artificial Intelligence

July 11-12, 2019
Berlin, Germany



SCIENTIFIC PROGRAM

DAY 1
Thursday 11th July

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

11:50-13:10

MEETING HALL 01	MEETING HALL 02
Talks On: Mechatronics | Robotics	**Talks On:** Control Systems | Role of Automation in Robotics
Mechatronics Basics	Robust control
Sensors and Signal Processing	Optimal control
Robot Control	Chaotic systems
Mobile Robotics	Image Processing
Biomimetic Robotics	Vehicle Control Applications

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00

MEETING HALL 01	MEETING HALL 02
Talks On: Intelligent Control Systems and Optimization | Intelligent Systems	**Talks On:** Safety standards for robots and Systems | Applications of Automation
Fuzzy Control	Intelligent autonomous robots and safety
Genetic Algorithms	Industrial Automation and Robotic
Artificial Intelligence	Vehicle Control Applications
Machine Learning	Sensors for robot safety
Deep Learning	Wearable robots and safety

16:00-16:20 COFFEE BREAK

MEETING HALL 01 (16:20-17:00)	MEETING HALL 01 (17:00-18:00)
Young Research Forum	Workshop

DAY 2
Friday 12th July

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

10:50-12:50

MEETING HALL 01	MEETING HALL 02
Talks On: Control Methods | Automation Tools	**Talks On:** Control Theory and Optimization Technique | Automation
Motion control	Control system modeling
Human Machine Interface	Controllability
Robust control	Observability
Optimal control	Automation instrument and device
Programmable Logic Controller	Building automation

12:50-13:35 LUNCH BREAK

13:35-15:55

MEETING HALL 01	MEETING HALL 02
Talks On: Human Robot Interaction | Control Methods	**Talks On:** Role of Automation in Robotics | Intelligent Control Systems and Optimization
Human-Robot Interaction Design	Humanoid Robots
Advanced process control	Modelling, Simulation and Architecture
Plc and micro-controllers	Distributed Control Systems
Electronics automation and electrical engineering	Human-Robots Interfaces

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

PAST AFFILIATES

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Stephen G R Brown
Swansea University, UK

Tsuyoshi Setoguchi
Hokkaido University, Japan

Jose M Pardor Gortor
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Kaunas University of Technology, Lithuania

Berlin Attractions



Glimpses of Advanced Robotics Conferences















