

Call for Papers
Workshop
“Quo Vadis Robotics & Intelligent Systems”

as a part of the

IEEE 19th International Conference on Intelligent Engineering Systems 2015

<http://www.ines-conf.org/ines-conf/2015.html>

September 4-5, 2015 Slovak University of Technology in Bratislava, Slovakia

We invite participants to discuss what the role of intelligent technologies in the next generation of robots is, and give presentations as well as demonstrations reporting on novel research in machine intelligence and robotics.

The aim of the workshop is to contribute to shift conventional robotics in which the robots perform repetitive, pre-programmed tasks to its intelligent form, where robots possess new cognitive skills with ability to learn and adapt to changing environment. The focus is on intelligent systems, which show notable achievements in solving various problems in intelligent robotics. The workshop will cover current trends and discuss future directions bringing together robotics and machine intelligence. The expected contributions should include widespread experimental and theoretical results on intelligent robotics such as e.g. autonomous robotics, new robotic platforms, or human-centred robots.

Topics include but are not limited to:

- **Intelligence for Robots**
- **Service and Social Robotics, Human-Robot Interaction**
- **Humanoids**
- **Coexistence of Human and Robots in various environments**
- **Ambient Assisted Living with Robots**
- **Intelligent Space for Robots and Humans**
- **Cloud Robotics**
- **Applications of Computational Intelligence**
- **Brain Computer Interfaces for Human Robot Interaction**
- **Wearable sensors for Humans utilized for Robotics**

Important Dates:

July 20, 2015 – Full paper submission

August 1, 2015 – Notification of acceptance

August 10, 2015 – Final Paper submission

Paper submission: Max. 6 pages – according to the INES rules

<http://www.ines-conf.org/ines-conf/2015paper.html>

Registration: <http://www.ines-conf.org/ines-conf/2015registration.html>

Workshop organizers:

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Peter Hubinsky, National Robotic Center, STU Bratislava, Slovakia

Frantisek Duchon, National Robotic Center, STU Bratislava, Slovakia

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