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IEEE

Call for Papers

25th International Conference

RAAD 2016 BELGRADE
Robotics in
Alpe
Adria
Danube
Region

Conference on the Danube River
Belgrade, June 30th - July 2nd 2016.

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The 25th International Conference on Robotics in Alpe-Adria-Danube Region, RAAD 2016, will be held in Best Western Hotel M, Belgrade, Serbia, from June 30 to July 2nd, 2016. The Conference will bring together academic and industry researchers in robotics from the Alpe-Adria-Danube Region affiliated countries and their worldwide partners in a collegial and stimulating environment. According to its tradition, RAAD 2016 will cover all major areas of R&D and innovation in robotics, including new research trends such as: bio-inspired and cognitive robots, visual servoing of robot motion, human-robot interaction, cloud robotics and personal robots for ambient assisted living.

Conference Topics

Papers are solicited on topics related to new theories, advanced design of robot mechanics and control architectures, and development of intelligent robotic applications, including but not limited to:

  - Novel design and applications of robotic systems
  - Dexterous grasping, handling and intelligent manipulation
  - Intelligent cooperating and service robots
  - Advanced robot control
  - Human-robot interfaces
  - Robot vision systems and visual servoing techniques
  - Mobile robots
  - Humanoid and walking robots
  - Bio-inspired and swarm robotic systems
  - Towards micro and nano-scale robots
  - Aerial, underwater and spatial robots
  - Robot integration in holonic manufacturing
  - Personal robots for ambient assisted living
  - Medical robots and bionic prostheses
  - Intelligent information technologies for cognitive robots
  - Education in robotics
  - History of automation and robotics
  - Cognitive robots and Emotional Intelligence
  - Cloud robotics
  - Ethical, legal and social issues of robotic

Paper submission and proceedings

Authors are kindly asked to submit original (not published or being considered for publication elsewhere) full papers with recommended length of 6 or 8 pages in Springer format.

All accepted and presented papers will be published in the Springer Series "Advances in Intelligent Systems and Computing-AISC", with the title: "Advances in Robot Design and Intelligent Control"- Proceedings of the 25th Conference on Robotics in Alpe-Adria-Danube Region. The authors of the best RAAD2016 papers will be asked to submit the extended versions of their manuscripts for publishing in the journal special issue with JOMAC, www.jomac.it . Best papers will be awarded in three categories: research, applications and student.

Venue:

Conference will be held in Best Western Hotel M, Belgrade
Web: http://www.hotel-m.com/en/

Author's Schedule

Full paper submission: March 20 , 2016.
Notification of acceptance: April 10, 2016.
Final paper submission: May 1, 2016.

Registration Fees

Full registration: 350 € (early) / 400 € (late)
IFToMM and IEEE members:
            330 € (early) / 380 € (late)
Students: 200 € (early) / 220 € (late)
Accompanying person: 125 €

Visit us at: **http://raad2016.org**

Cruise around Belgrade

Organized cruise around Belgrade with lunch for the guests, and gala dinner in the evening with live music. Tour around the mouth of the two rivers, the Sava and Danube, with a view of the Belgrade sights from the river.

Belgrade Landmarks

There will be possibility of visiting the famous landmarks of Belgrade:

Avala Tower
The tower is in many ways was unique in the world: It was the only tower in the world to the cross-section of isosceles triangle. It was one of very few towers that was not directly grounded but is relying on its three legs.Since its opening in the 1965th years, to the destruction of the 29th April 1999. it was the tallest structure in the Balkans.

Skadarlija street
Skadarlija is a vintage street, an urban neighborhood and former municipality of Belgrade, the capital of Serbia. It is considered the main bohemian quarter of Belgrade. The history of Skadarlija began in the 1830s with the settlement of Gypsies.

Ada Ciganlija Lake
Sava Lake often also referred to as Ada, was created from the right arm of the Sava with the building of two dams near the northern and southern tips of the island in 1967. The lake is 4.2 km long, has an average width of 200 m and is 4 to 6 m deep. 7 km of its shores on both sides have been transformed into a gravel beach. The water regularly reaches 24°C during summer.

RAAD 2016