

Call for Papers

ROBOT2022

Fifth Iberian Robotics Conference

November 23-25, 2022, Zaragoza, Spain

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Universidad
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Dear colleagues,

We are pleased to inform you that ROBOT2022 - Fifth Iberian Robotics Conference will be held at the Paraninfo Building of the University of Zaragoza during November 23-25, 2022, following the four previous and successful events, both from the viewpoint of their scientific and technical quality, and for the important number of attending delegates, of the Iberian Robotics Conference held in Madrid in 2013, Lisbon in 2015, Seville in 2017 and Porto in 2019.

ROBOT2022 main goal is to continue the precedent efforts in showcasing the robotics research and development of new applications in the Iberian Peninsula. Although focused on the works developed at Iberia, the conference is open for submissions from any country in the world.

ROBOT2022 will feature technical and social programs. The technical program will comprise plenary, regular and special sessions. All articles submitted for inclusion in the conference will be peer reviewed before acceptance. It is envisaged that all accepted papers will appear in the conference proceedings, which will be published by Springer – Advances in Intelligent Systems and Computing Series, indexed by Thomson ISI Web of Knowledge and SCOPUS, subject to registration of at least one author for presenting the work. A selection of the conference-presented best papers will also be recommended for publication as extended versions in Special Issues from international top ranked Journals.

SCOPE

We invite original contributions in all areas relevant to robotics, covering mobile, walking, flying, marine, underwater, and industrial robots. The conference will cover analysis (modelling and simulation) techniques, design approaches, and practical applications and realisations of developed robotic systems. Support technologies for realisation of such systems, namely sensors and actuators, computer vision and image processing, tactile & haptics devices, control algorithms and architectures, localization, mapping and navigation, associated economic, ethical, legal and social considerations are integral part of the conference theme. Human-robot interaction, including medical robots, exoskeletons, prostheses and orthoses, as well as personal and service robots forms an increasingly active and important pertinent area. A non-exhaustive list of topics and activities can be found on the website.

KEY DATES

Apr 15, 2022	Submission of Special Session proposals
Apr 22, 2022	Notification of Special Session acceptance
Jun 28, 2022	Submission of full draft papers
Jul 29, 2022	Notification of paper acceptance
Sep 06, 2022	Submission of final (camera ready) papers
Sep 06, 2022	Early bird registration (reduced fee)
Nov 23-25, 2022	Conference

WORKSHOP AND SPECIAL SESSION PROPOSALS

Researchers interested in organizing workshops and special sessions are invited to follow the instructions on the website. Each proposal should be limited to one A4 page in length and must include title, a brief description of the motivation and relevance of the session, name and affiliation of the organizer(s) and (if already available) the contacted authors and titles for tentative papers for the session.

SUBMISSION OF PAPERS

The technical program of the conference will feature Regular Papers and Special Session Papers. Authors are invited to submit their full draft papers in PDF format from the paper submission page of the conference web-site by the indicated deadline for consideration for inclusion in the relevant category (special/regular paper). Articles submitted for inclusion in the conference will be peer reviewed before acceptance. Final accepted papers will be limited to 12 pages and must follow the Springer AISC template, given in the Call & Instructions web page.

AWARDS

Best regular and student Paper Awards will be also selected by their respective committees judging technical merit, originality, potential impact on the field, clarity of the written paper, and quality of the conference presentation. Also, SEIDROB-SPR Best Iberian PhD in Robotics will be awarded during the conference.