2014 IEEE International Conference on Autonomous Robot Systems and Competitions (ICARSC)
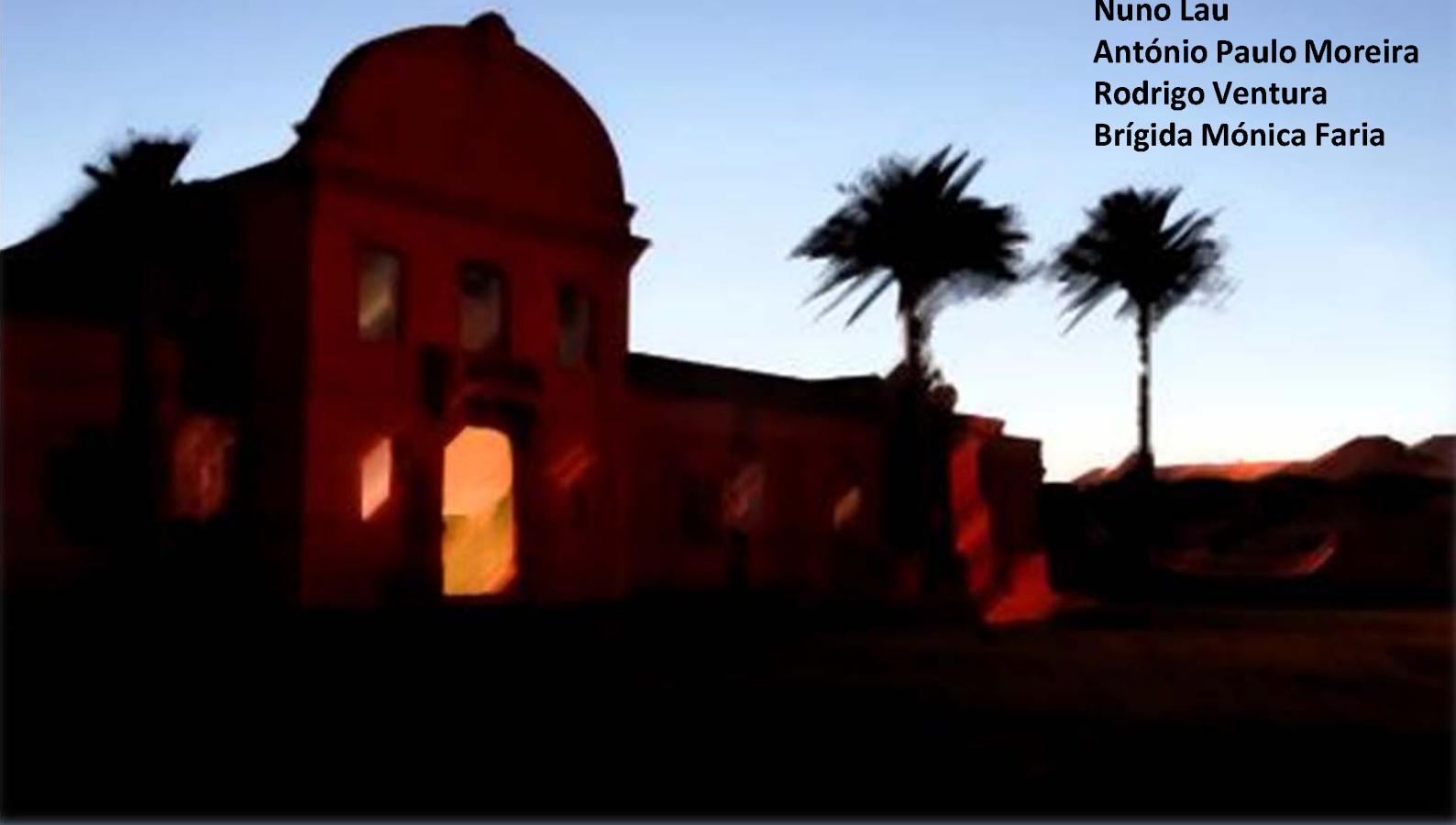
14-15 May, 2014
Espinho, Portugal

Editors:
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SPRR
SOCIEDADE PORTUGUESA DE ROBÓTICA

IEEE Robotics & Automation Society

IEEE PORTUGAL SECTION

Portuguese Chapter

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Welcome Message

Welcome to the 2014 IEEE International Conference on Autonomous Robot Systems and Competitions - ICARSC and to the Museu Municipal de Espinho and Fórum de Arte e Cultura de Espinho in Portugal.

This is the 2014's edition of the international scientific meeting integrated in the Portuguese Robotics Open (Festival Nacional de Robótica - Robotica 2014), a RoboCup local event. The conference has been growing continuously for the past decade and is nowadays a truly international forum attracting quality research papers from worldwide. This scientific meeting is, for the first time, an IEEE conference with proceedings indexed in IEEExplore and Scopus. It aims to disseminate the most advanced knowledge and to promote discussion of theories, methods and experiences in areas of relevance to the knowledge domains of Mobile Robotics and Robotic Competitions.

A total of 87 papers, including authors from 25 countries and covering all conference topics, were submitted in response to the call for contributions. After a double blind review process, in which all papers had at least 3 independent reviews, 34 papers have been accepted as regular papers for oral presentation and 22 papers have been accepted for short presentation plus poster presentation. The best papers will be selected to be published as an extended version in the Journal of Intelligent & Robotic Systems from Springer, indexed by Thomson ISI Web of Knowledge (IF=0.83). All accepted contributions are included in the proceedings book. The conference program also includes a keynote speaker, Prof. Dr. Marco Dorigo, from the Université Libre de Bruxelles, Belgium, where he is also the co-director of the IRIDIA lab.

The conference is Sponsored by the Sociedade Portuguesa de Robótica (SPR), IEEE Portugal Section, IEEE Portugal Section RA Chapter and has the Tecnhical Co-Sponsorship of IEEE Robotics and Automation Society.

We would like to thank the invaluable contribution of the Conference Patrons, Caixa Geral de Depósitos, Câmara Municipal de Espinho, Museu Municipal de Espinho and Solverde - Casinos e Hotéis, as well as Sponsors, Steering Committee Members, International Program Committee Members, External Reviewers, Keynote Speaker, Sessions Chairs and Authors. We also thank and appreciate the collaboration of Carlos Amorim from Escola Secundária Profissional de Espinho in managing the registrations, the corresponding fees payment and other finantial issues. We thank Easychair for their Conference Management System, which was freely used for managing the paper submission and evaluation processes of ICARSC'2014.

Thank you all for participating in this conference hoping you enjoy and feel it as a highly productive and sociable event.

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