

Pedro Neto
António Paulo Moreira (Eds.)

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Robotics in Smart Manufacturing

International Workshop, WRSM 2013
Co-located with FAIM 2013
Porto, Portugal, June 2013
Proceedings

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Preface

This volume contains the papers selected to be presented at the Workshop on Robotics in Smart Manufacturing held during June 26–28, 2013, in Porto, Portugal. It was organized under the umbrella of the 23rd edition of the International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2013.

This first Workshop on Robotics in Smart Manufacturing brought together people from various sectors (academia, government, and industry), all with a common interest in robotics and manufacturing. Academicians, researchers, students, and industry professionals had the opportunity to discuss and exchange ideas, enlarge networks, and present recent progress and achievements in the emerging areas of application of robots in manufacturing.

The workshop included presentations on the following topics: robotic machining, off-line robot programming, robot calibration, new robotic hardware and software architectures, advanced robot teaching methods, intelligent warehouses, robot co-workers, and application of robots in the textile industry.

Finally, we would like to thank to all the members of the Scientific Committee, reviewers, authors, attendees, FAIM organization staff, and sponsors.

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Pedro Neto
A. Paulo Moreira