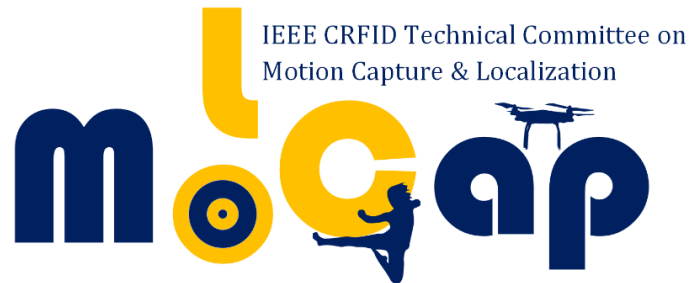




September 12-14, 2022
Cagliari, Italy



IEEE RFID-TA 2022 Workshop on Motion Capture & Localization



Organizers: Alice Buffi¹, Antonis Dimitriou², Edwin C. Kan³, Yongtao Ma⁴, Andrea Motroni¹,
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This workshop will host researchers and engineers interested in the emerging technologies and applications for wireless motion capture and fine-scale localization, particularly as they relate to **Smart Industry**, **Smart City** and **Smart Society**. Workshop presentations will explore, but not limited to, technical issues relevant to these emerging areas:

Topics Include

<ul style="list-style-type: none">• Localization and tracking in Industry 4.0• Localization enabling Smart City• Wireless Motion Capture in Smart Society• Navigation and tracking for Smart Agriculture• Machine-learning and Artificial Intelligence for RFID-based localization• Real-time localization	<ul style="list-style-type: none">• Localization and tracking• Localization for tags and readers• Motion capture• Novel tracking methods• RFID-based navigation• Hybrid methods• Signal processing and Multipath mitigation• SAR and radar-based techniques
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Submission Information

You may submit paper manuscripts for peer review to be included in this workshop through EDAS (<https://edas.info/N29202>); please follow the paper guidelines and deadlines for the IEEE RFID-TA 2022 (<https://2022.ieee-rfid-ta.org/instructions-for-authors/>). For questions and contributions, please contact the workshop organizers: Alice Buffi (alice.buffi@unipi.it), Antonis Dimitriou (antodimi@ece.auth.gr), Edwin C. Kan (eck5@cornell.edu), Yongtao Ma (mayongtao@tju.edu.cn), Andrea Motroni (andrea.motroni@ing.unipi.it), Martin Vossiek (martin.vossiek@fau.de).

Check the IEEE RFID-TA 2022 conference website (<https://2022.ieee-rfid-ta.org/>) for announcements, conference program, and more. Participation and attendance in the MoCap Workshop are included for IEEE RFID-TA 2022 registrations.

Brought to you by IEEE CRFID Technical Committee on Motion Capture and Localization

