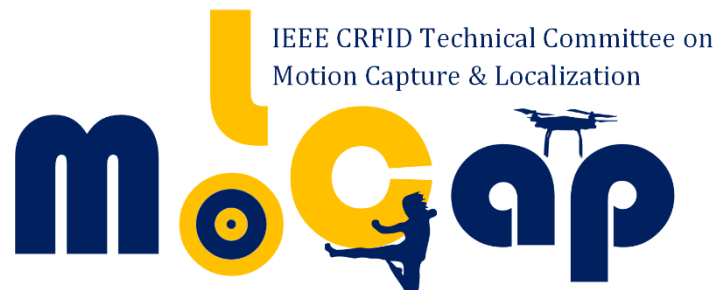




IEEE RFID-TA 2021 Workshop on Motion Capture & Localization



IEEE CRFID Technical Committee on
Motion Capture & Localization

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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

- Localization and tracking in Industry 4.0
- Localization enabling Smart City
- Wireless Motion Capture in Smart Society
- Navigation and tracking for Smart Agriculture
- Localization for tags and readers
- Novel tracking methods
- RFID-based navigation
- Hybrid methods
- SAR and radar-based techniques
- Indoor localization and Multipath mitigation
- Outdoor localization
- Signal processing for RFID-based localization
- Machine-learning and Artificial Intelligence enabling novel RFID localization systems
- Real-time localization

Submission Information

You may submit paper manuscripts for peer review to be included in this workshop through EDAS (<https://edas.info/newPaper.php?c=28612>); please follow the paper guidelines and deadlines for the IEEE RFID-TA 2021 (<https://2021.ieee-rfid-ta.org/>). We welcome other contributions as well, including lightly reviewed abstracts for talks, tutorials, and/or demonstrations. For questions and contributions, please contact the workshop organizers: Alice Buffi (alice.buffi@unipi.it), Antonis Dimitriou (antodimi@ece.auth.gr), Christian Carlowitz (christian.carlowitz@fau.de), Yongtao Ma (mayongtao@tju.edu.cn) or Andrea Motroni (andrea.motroni@ing.unipi.it).

Check the IEEE RFID-TA 2021 conference website (<https://2021.ieee-rfid-ta.org/>) for announcements, conference program, and more. Participation and attendance in the MoCap Workshop are included for IEEE RFID-TA 2021 registrations.

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