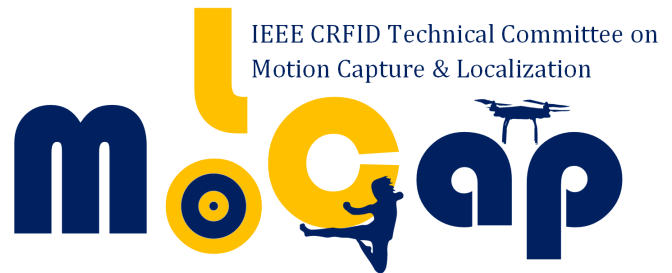

**IEEE WiSEE 2021 Workshop on
Motion Capture & Localization**
Space and Aeronautical Applications
Cleveland, OH
12-14 October 2021



Organizers: Gregory D. Durgin¹, Ingrid Ullmann², Wei Sun³
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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 space and aeronautical applications. Workshop presentations will explore technical issues relevant to emerging areas related to wireless motion capture and localization:

Topics Include

- Space Applications in Localization
- RFID Applications in Space
- Space-Based Robotics
- SAR and Radar-based Techniques
- Fleet Formation Satellite Coordination
- Aeronautical ID and Motion Tracking
- mm-Wave/THz Imaging
- RF Debris Tracking
- Remote Orbital Determination
- Drone-based Applications
- Satellite Tracking
- Large Aperture Phasing/Coordination
- Planetary Exploration Applications
- General Theory of Radiolocation

Additional Submission Information

You may submit paper manuscripts for peer review to be included in this workshop; please follow the paper guidelines and deadlines for the IEEE WiSEE conference site. We welcome other contributions as well, including lightly reviewed abstracts for talks, tutorials, and/or demonstrations. Please contact Wei Sun (sun.1868@buckeyemail.osu.edu) or Ingrid Ullmann (ingrid.ullmann@fau.de) for questions and contributions.

Check the IEEE WiSEE 2021 conference website (<https://attend.ieee.org/wisee-2021/>) for announcements, conference program, and more. Participation and attendance in the MoCap Workshop is included for IEEE WiSEE 2021 registrations.

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

