

IEEE International Conference on Multisensor Fusion and Integration (MFI 2024)

September 4-6, 2024,
Pilsen, Czechia

www.mfi2024.org



Theory:

Probability theory, Bayesian inference, nonlinear estimation, Dempster-Shafer, fuzzy sets, logic, machine learning, neural networks, distributed architectures

Sensors:

RGB and depth cameras, radar and sonar, laser scanner, infrared sensors, IMU

Algorithms:

Tracking and localization, SLAM, perception, AI in robotics, cognitive systems, sensor registration, big data, sensor management, distributed sensor systems, recognition, visual servoing, learning by demonstration

Applications:

Sensor networks, multi-robot systems, distributed and cloud robotics, bio-inspired systems, service robots, automation, biomedical applications, autonomous vehicles (land, sea, air), navigation, Internet-of-Things, smart cities, cyber-physical systems, Industry 4.0, search/rescue/audition, field and swarm robotics, force and tactile sensing

Contributions:

Prospective authors are encouraged to submit high-quality full draft papers (6-8 pages, IEEE format). All submissions are subject to a peer-review process by the technical program committee. Accepted and presented papers will be submitted to IEEE for publication. At least one of the authors of each accepted contribution is expected to register for the conference and to present the paper.

Important Dates:

- Special sessions proposal submission **May 5**
- Full paper submission: **May 24**
- Tutorial proposal submission: **May 31**
- Notification of acceptance: **July 5**
- Final paper submission: **August 2**
- Conference: **September 4-6** (Wednesday to Friday), first day – tutorials

