5th KuVS Expert Talk on Localization

KuVS

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https://www.kuvs.de/
6 & 7 June 2024 @CoSA Center of Excellence
Technische Hochschule Lübeck
[5th KuVS Expert Talk on Localization](#)

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Organization

Marco Cimdins   TH Lübeck

Important Dates

Abstract Submission:	12.04.2024
Notification of Acceptance:	03.05.2024

TECHNISCHE HOCHSCHULE LÜBECK

CoSA Center of Excellence

Gesellschaft für Informatik GI

We announce the 5th Expert Talk on Localization of GI/ITG specialist group Communication and Distributed Systems. The objective of this Expert Talk is intense discussions among researchers from academia and industry in this challenging area.

Scope: Localization is a major technology in the field of medical, industrial, and logistics applications. The Expert Talk offers researchers a platform to discuss recent results of their work and share opinions with each other. They are invited to discuss current issues and upcoming challenges. The Expert Talk on Localization features a demo session. The demo session is dedicated to the presentation of practical results, e.g., localization systems, sensors, applications, and other contributions.

We invite contributions (abstracts, demos) of topics on localization, positioning, and related concepts.

Topics included (but are not limited to)

- Novel ideas and concepts about localization, positioning, and navigation

- Applications (e.g., IoT, industry 4.0, autonomous vehicles, sensor networks robotics, logistics, medical, safety, smartphones)

- Sensors for ranging or positioning (UWB, IMU, RFID, RSS, Phase-based, optical,…)

- Robustness, reliability, scalability, networking, data communication, localization infrastructure

- Mapping or SLAM

- AI-based localization and sensor fusion

- Context, privacy

We plan a demo, and a technical exhibition session as well as panel discussions. Please contact us if you are interested in presenting a demonstrator, in addition to submitting an abstract.

Abstract submission:

Authors are requested to submit abstracts limited up to three pages in a two-column IEEE conference format. Abstracts must present original research. Late-breaking advances and work-in-progress reports from ongoing research are appreciated. We also encourage you to submit failed ideas as it might spawn interesting discussions. Please submit your abstract via [EasyChair](#) by 12.04.2024.

Presentation:

Authors of accepted submissions are expected to present their work during the event.

Feel free to send your questions to cosa-papers@th-luebeck.de.