



## Call For Papers

### Important Dates

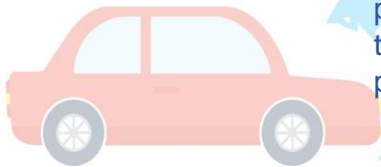
#### Submission

Abstract: 17 August 2022  
Full Paper: 31 August 2022

**Notification of Acceptance**  
17 September 2022

**Camera-ready Submission**  
30 September 2022

**Workshop Date**  
17 October 2022



#### Co-Chairs

Sameer Alam, SNJL, Singapore  
Yiyu Cai, SNJL, Singapore

#### International Programme Committee (to be finalised)

A Gällström, Saab AB, Sweden  
C Cai, NUS, Singapore  
B Elhadidi, NU, Kazakhstan  
K Izzetoglu, DREXEL, USA.  
N Liliith, SNJL, Singapore  
T Mäkilä, UoT, Finland  
M Schultz, UBM, Germany  
G Seet, NTU, Singapore  
J Siesjö, Saab, Sweden  
D Thalmann, EPFL, Switzerland  
T Tjahjowidodo, KUL, Belgium  
U Turhan, UNSW, Australia

#### An ISMAR Workshop

## VIRTUAL/AUGMENTED/MIXED REALITY FOR TRANSPORTATION

Online | 17 October 2022 (GMT+8)

Virtual Reality, Augmented Reality and Mixed Reality (VR/AR/MR) have evolved since 1960s to Meta Universal (Metaverse) today. Fundamental research in VR/AR/MR involves various areas such as fidelity modelling & simulation, realistic visualisation, real-time interaction, natural user interface etc.

VR/AR/MR are increasingly seen the convergence with robotics, IoT, digital twin, serious games, blockchain, cloud and edge computing. While VR/AR/MR have found many traditional applications from engineering to healthcare and education, this workshop brings together like-minds working on VR/AR/MR for transportation applications including aerospace, land, underwater and so on. The aim of this workshop is to provide an interdisciplinary forum for researchers and practitioners to discuss the latest advances in VR/AR/MR and transportation applications, as well as share ideas, data and practices of their fields.

#### Topics of Interest *(include but are not limited to):*

- Enabling Technology of VR/AR/MR for Transportation
- VR/AR/MR and Autonomous Vehicles
- VR/AR/MR and Navigation
- VR/AR/MR and Path Planning
- VR/AR/MR and Collision Avoidance
- VR/AR/MR and Collaborative Decision Making
- VR/AR/MR and Communication
- VR/AR/MR and Simulation
- VR/AR/MR and Surveillance
- VR/AR/MR and Real-time Planning
- VR/AR/MR for Aerospace Transportation Application
- VR/AR/MR for Land Transportation Application
- VR/AR/MR for Maritime Transportation Application

#### Paper Submission

- Abstract: 1-page includes a title, authors, affiliations & abstract.
- Paper: 4-6 pages exclude reference.
- Naming convention: VR-Authors
- Document format: docx.
- Submit [here](https://tinyurl.com/2s46htwc).



Saab - NTU Joint Lab

Organiser: [Saab-NTU Joint Lab](https://www.saab-ntu.com)

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workshop website



<https://tinyurl.com/2s46htwc>