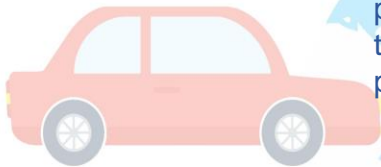# Call For Papers

Important Dates
(GMT+8)

Submission
Abstract: 17 August 2022
Full Paper: 31 August 2022

Notification of Acceptance
17 September 2022

Camera-ready Submission
28 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 Lilith, 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

Saab – NTU Joint Lab

Organiser: Saab-NTU Joint Lab
Contact us: saabntu.events@ntu.edu.sg

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 inVR/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.

workshop website

https://tinyurl.com/2s46htwc