



# METaverse & APPLICATIONS

An ISMAR Workshop Jointly Hosted by  
NVIDIA and Nanyang Technological University  
Online, 21 October 2022

## CALL FOR PAPERS

### Important Dates

#### Due for submission

Abstract: 15 July 2022

Full paper: 15 Aug 2022

#### Notification of acceptance:

30 Aug 2022

#### Workshop date:

21 Oct 2022

#### Due for book chapter:

21 Dec 2022

#### Due for final version:

21 Feb 2023

#### Book publication expected:

Mid 2023

### Co-chaired by

S See, NVAITC, NVIDIA  
Y Cai, NTU, Singapore

### International Program Committee

(To be finalised)

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### Introduction

Last October, Facebook was renamed Meta. This was followed in November by Microsoft with the announcement of the company's strategy for metaverse development. NVIDIA has been actively promoting Omniverse, which is an ecosystem that can connect true-to-life virtual worlds together in the metaverse, which is in the limelight today. This workshop will provide a platform for scientists, researchers, and application developers to exchange latest advancements of metaverse technology and their applications in various fields.

Jointly hosted by NVIDIA and Nanyang Technological University, this workshop aims to promote collaboration between academia and industry.

Topics of Interest with the workshop include but are not limited to the following:

### Metaverse Enabling Technology: Metaverse Applications:

- VR/AR/MR
- Simulations
- Robotics
- Artificial Intelligence
- Data Science & Synthetic Data
- Blockchain
- Gamification
- Serious Games
- Digital Twin
- High-performance Computing
- Metaverse for Manufacturing
- Metaverse for Civil Defence
- Metaverse for Education & Training
- Metaverse for Healthcare
- Metaverse for Social Media
- Metaverse for Smart City
- Metaverse for Logistics
- Metaverse for Entertainment
- Metaverse for Sports
- Metaverse for Building & Construction

### Submission:

- Abstract: 1 page including a title, authors, affiliations, and synopsis.
- Paper: 4-6 pages following [Instructions for Authors: Manuscript Guidelines \(springer.com\)](#)
- Abstract/paper to be submitted should use the name convention: Meta-Authors.docx
- Click the link [here](#) for submission.

### Publication

Accepted papers submitted to the Workshop will be invited for a submission of an enhanced version with at least 10 pages as chapters of a book to be published by Springer.

<http://www.ismar2022.org>

