

# Building and Regulating the Metaverse



As Hiro approaches the Street, he sees two young couples, probably using their parents' computers for a double date in the Metaverse, climbing down out of Port Zero, which is the local port of entry and monorail stop. He is not seeing real people, of course. This is all a part of the moving illustration drawn by his computer according to specifications coming down the fiber-optic cable. The people are pieces of software called avatars

— Neal Stephenson, Snow Crash,  
1992

# Presenters



- Anthony Steed, University College London
- Doron Friedman. Reichman University, Herzliya
- Piotr Skrzypczynski, Poznań University of Technology
- Marco Gillies, Goldsmiths, University of London
- Raúl Ruiz Rodríguez, University of Alicante
- Dov Greenbaum, Reichman University, Herzliya, Yale University

# Topics



- Anthony Steed, *Technical Challenges of the Metaverse*
- Doron Friedman, *AI and the Metaverse*
- Piotr Skrzypczynski, *Machine Learning Technologies*
- Marco Gillies, *Interactive Machine Learning for Embodied Interaction*
- Raúl Ruiz Rodríguez, *Regulatory Challenges of the Metaverse*
- Dov Greenbaum, *Ethical and Social Aspects*

# European Metaverse Research Network



## About The EMRN



The independent research projects who had received funding from Meta in 2022 decided to form the “European Metaverse Research Network” (EMRN). It was officially launched in May 2023 in Barcelona.

The network is conducting interdisciplinary research on the metaverse to explore the implications of this transformative technology.

They work on joint publications and also arrange events.

Visit the [EMRN's website](https://metaverse-research-network.info) for more information.

[metaverse-research-network.info](https://metaverse-research-network.info)

# EMRN Accomplishments

- Conference April 2024 'A Metaverse for the Good'
- Conference June 2025 University of Alicante
  - A Metaverse for the Good: AI and the Metaverse

## TUTORIAL 1: XR AND THE METAVERSE IN CLINICAL APPLICATIONS

Saturday, March 8, 2025, 8:30:00-12:30:00 (Saint-Malo France UTC+1) Room: Charcot

### Organizers

Mel Slater, DSc - *University of Barcelona, Institute of Neurosciences, Event Lab, Spain*

Mavi Sanchez-Vives, MD, PhD - *Institute of Biomedical Research IDIBAPS - Hospital Clinic, ICREA, Spain*

Yannick Prie, PhD - *Nantes University, France*

Pawel Sniatala, PhD - *Poznan University of Technology, Poland*

Xueni Sylvia Pan, PhD - *Goldsmiths, University of London, United Kingdom*

## A Multidisciplinary Approach to Understanding the Technology, Opportunities, Challenges, and Implications for Society of the Metaverse

Michele Di Dalmazi , Doron Friedman , Jessica Galissaire , Henri Isaac , Anna Kobusinska , Aurelio Lopez-Tarruella , Martinez , Jean-François Lucas , Omar Niamut , Xueni Pan , Yannick Prié , Matthias Quent , Raúl Ruiz Rodríguez , Maria V Sanchez-Vives , Piotr Skrzypczynski , Mel Slater \* , Anthony Steed and Petter Wannerberg

(Under Review)



## TUTORIAL 11: BUILDING AND REGULATING THE METAVERSE

Sunday, March 9, 2025, 10:45:00-12:30:00 (Saint-Malo France UTC+1) Room: Vauban 2

### Organizers

Anthony Steed - *University College London, United Kingdom*

Doron Friedman, Dov Greenbaum - *Reichman University, Herzliya, Israel*

Piotr Skrzypczynski - *Poznań University of Technology, Poland*

Marco Gillies - *Goldsmiths, University of London, United Kingdom*

Raul Ruiz Rodriguez - *University of Alicante, Spain*