



Immers-eXpo 2023

Present and Future of Mixed Reality Research

CHENG KAR SHUN DIGITAL HUB,
JESUS COLLEGE, UNIVERSITY OF OXFORD

19 MAY 2023



On May 19th, 2023, the Oxford X-Reality Hub hosted its annual showcase of immersive technologies at the University of Oxford, highlighting present developments and future directions in mixed reality.

This fifth anniversary edition of the event brought to Oxford industry leaders as well as academics who pioneer the use of such technologies in research. The event featured live demonstrations, stalls, and opportunities to network. Eleven lightning talks given by academic and industry leaders introduced participants to the use of mixed reality technologies in a variety of disciplines including education, medicine, robotics, mental health, environmental studies, cultural heritage, performance arts and more.

The event was organised by the Oxford X-Reality Hub in collaboration with the Cheng Kar Shun Digital Hub of Jesus College Oxford and was held in their newly unveiled state of the art facility on Cornmarket Street in Oxford.

EVENT ORGANIZERS



Dr Janina Schupp

SOUTHWORKS Career
Development
Fellow of the Digital Hub,
Jesus College, Oxford



Richard Smith

New Technology Officer,
Bodleian Library;
Founder and Co-leader of
the Oxford X-Reality Hub,
University of Oxford



Dr Lisandra (Lia) Costiner

Co-leader
Oxford X-Reality Hub,
University of Oxford;
Assist. Prof. Art History,
Utrecht University



Dr Mattia Montanari

Co-founder of the Oxford
X-Reality Hub



Cristina Gonzales Esteban

DPhil Candidate in Archaeology
Oxford X-Reality Hub Member



Academic Talks

14:30 Professor Sir Nigel Shadbolt & Dr Janina Schupp

Welcome

14:40 Azmat Hossain & Dr Chang Liu

Extend Robotics: Enabling Remote Physical Work through Robotic Metaverse and AI

15:00 Professor Giuseppe Pezzini

Tolkien and the Metaverse: Towards a Digital Museum

15:10 Joanna Rivera-Carlisle and Dr Kathryn Eccles

Shared Responsibilities: Public Participation in Technology-mediated Heritage Interaction

15:20 Ana Sanchez Jimenez

Exploring the Adaptation to Hearing Loss Using VR

15:30 Dr Betina Ip

Using VR for Treating Lazy Eye at Home

16:30 Shu Wei

Utilizing Dynamic Facial Expressions on Virtual Humans to Improve VR Mental Health Therapy

16:40 Stuart Cole

Using AR for Nature-based Education in the 21st century

16:50 Lena Zlock

Sefira: Cultural Engagement through Immersive Reality

17:00 Dr Sally Anne Shiels & Dr James Thomas

Making Virtual a Reality in Medical Education

17:10 Professor Shankar Srinivas

Shaping Destiny – a cross-disciplinary exploration into perceptions of what makes us human

17:20 Professor Krupali Krusche

3D Future of Web Interface

17:30 Dr Lia Costiner & Richard Smith

Closing

List of Stalls & Live Demonstrators



MEDICAL PAIN VR FD
EXTENDED ROBOTICS
NATURAL ENGLAND
FREEAIM

DHARMA
**SHAPING
DESTINY**
TOLKIEN
SOUND VR



144

Tickets sold

3145

Page views

14

Academic Speakers

8

Industry and Academic
Demonstrators



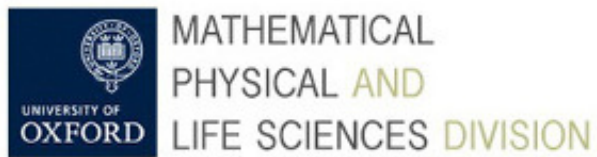
**IMMERS-EXPO
2023**



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ENGINEERING, UNIVERSITY OF OXFORD**

The logo features a large central yellow circle with a notch at the top and bottom. It is surrounded by several overlapping circles in shades of grey, maroon, and yellow. The background is split horizontally into dark grey (top) and white (bottom).

Oxford X-Reality Hub

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