



Application, Demonstration & Special sessions program

EuroXR 2021

Version 4

(November 11, 2021)

Application, Demonstration & Special sessions program of EuroXR 2021

Application Keynote Speakers

The XR opportunities for people with neuro-motor diseases: the NEMO LAB experience

Christian Lunetta

Virtual Reality for Digital Factory Twin: applications for learning and training

Walter Terkaj

Application session 1 - Society

A Study on Shadow Removal for Viewing Direction Dependent Appearance Manipulation

Yudai Matsumoto, Toshiyuki Amano

A prototype for the treatment of children with selective mutism using interactive 360° VR

Azougagh Khalid, Jesse van den Berge and Robert Belleman

Hybrid Design using Projection Mapping AR onto 3D Printed Objects

Christoph Paul Runde

Application session 2 – Industry

The Remote User Test of Mixed Reality System for AIT/AIV in the Space Domain

Kaj Helin, Jaakko Karjalainen, Timo Kuula, Paul Kiernan, Gianluca Casarosa, David Martinez Oliveira

Augmented reality interface for industrial robot control and teleoperation

Laura Ordile, Yevhen Bondarenko, Simone Luca Pizzagalli, Vladimir Kuts, Tauno Otto

XR based GUI concept for BIM digital twin data visualization

Kaj Helin, Vladimir Goriachev, Jaakko Karjalainen, Timo Kuula, Marja Linasuo, Matthias Aust

Multi-User-XR for digital twin data in construction

Matthias Aust, Jan-Filip Kvrjic, Jörg Frohnmayer, Melissa Otto, Kaj Helin

XR Open Forum

chair: *Jérôme Perret*

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Demonstrations & Exhibitions

chair: *Matthieu Poyade*

Bites

Yusuf Akbuğa

Hybrid Design

Christoph Runde

AR UI for industrial robot control and teleoperation

Simone Pizzagalli

Continuous-touch Text Entry for AR Glasses

Chao Mei

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VAMRS special session

chair: *Carsten Domann*

Future of Work

Carsten Domann

What does research say about needs of Industry in the context of XR? Data from the VAMRS European Survey Report

Henri Jalo

Onboarding SMEs Part One – XR Hardware, Software and use-cases for the Small & Medium sized Enterprise

Aleksei Tepjakov

Onboarding SMEs Part Two- XR Coaching Programme for the Small & Medium sized Enterprise

Ian O'Donovan

VR4REHAB & VR4LongCovid special session

chair: *Remco Hoogendijk*

An update of Move VRee and Trunky XL

Gert-Jan Brok

MotiVeeR Uzelf

Eline Hagedooren

Digital Design VR

Sam Hyde

Explore Deep

Niki Smit