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UNITY HEALTH
TORONTO

Digital Interventions to Reduce Distress and Moral Injury

Virtual Symposium, June 21, 2021



Virtual Reality: New Horizons

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**Politecnico
di Torino**

Department of Control and
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The Virtual Reality Initiative of Politecnico di Torino

Virtual Reality

Augmented Reality

Mixed Reality

Evolution



From niche technologies ... to off-the-shelf products, ready for the mass market

Virtual reality vs Augmented reality

Fully synthetic environment
User interacting with
digital content

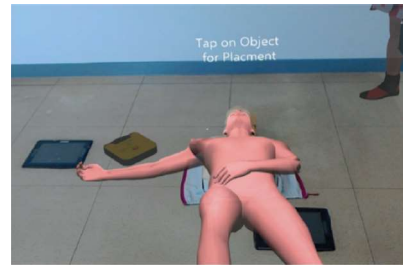
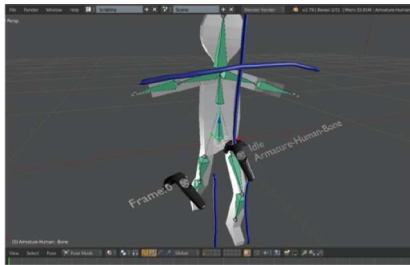
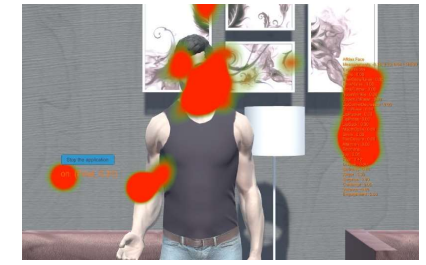
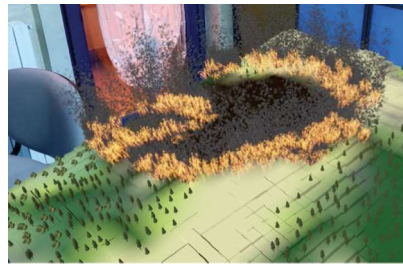
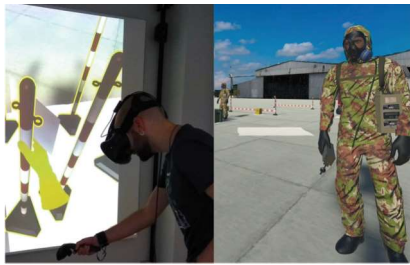


Real environment
Augmented by synthetic content,
(e.g., “overlapped” to it)



How to create digital realities







Electrical cabinets



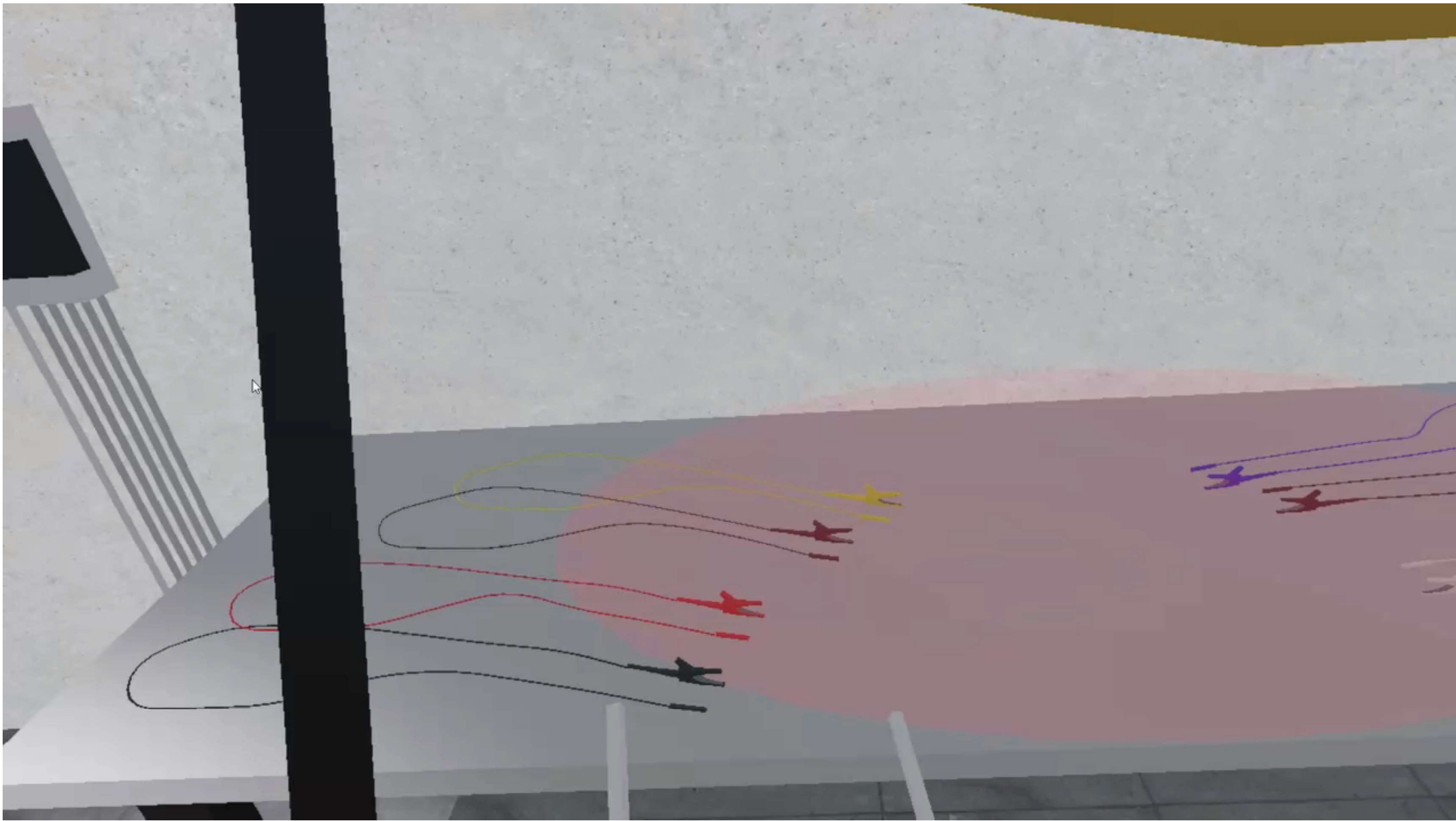
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 847038



Best use of VR in training

- Goal
 - Training operators on how to perform measurements on live electrical lines
- Modalities
 - Guided mode, step-by-step instructions
 - Evaluated mode, no instruction, report with details on operator's performance
- Experiments
 - In companies
 - At the university







Thanks for your attention!