

# IEEE VR 2023 - Workshop Proposal

November 15, 2022

**Title:** SupportMR - Bridging Human Operators, Industrial Environments and Mixed Reality

**Names, contact information, and short bios of all the organisers**

- Bernardo Marques - [bernardo.marques@ua.pt](mailto:bernardo.marques@ua.pt)
  - Bernardo is a Research Assistant at the Digital Media and Interaction Research Centre of the University of Aveiro (DigiMedia). He is also a Research collaborator at the Institute of Electronics and Informatics Engineering of Aveiro (IEETA), University of Aveiro (UA). His interests include human-centered technologies, with a focus on computer-supported cooperative work, computer graphics, virtual and augmented reality, as well as information visualization, with a particular interest in Industrial scenarios. Previous to this, he worked in the Industry sector as an Electrician.
- Samuel Silva - [sss@ua.pt](mailto:sss@ua.pt)
  - Samuel is an Assistant Professor at the Department of Electronics, Telecommunications and Informatics (DETI), as well as a Researcher at the Institute of Electronics and Informatics Engineering of Aveiro (IEETA), University of Aveiro (UA). His interests include human-centered technologies with a focus on multimodal interaction, computer vision, computer graphics, virtual and augmented reality, as well as information visualization, with a particular interest in Industrial scenarios.
- Carlos Ferreira - [carlosf@ua.pt](mailto:carlosf@ua.pt)
  - Carlos Ferreira is Associate Professor at the Department of Economics, Management, Industrial Engineering and Tourism (DEGEIT), as well as a Researcher at the Institute of Electronics and Informatics Engineering of Aveiro (IEETA), University of Aveiro (UA). His interests include human-centered technologies with a focus on information systems, operational research, statistical data analysis, as well as virtual and augmented reality, data and information visualization, with a particular interest in Industrial scenarios.
- Paulo Dias - [paulo.dias@ua.pt](mailto:paulo.dias@ua.pt)
  - Paulo is an Assistant Professor at the Department of Electronics, Telecommunications and Informatics (DETI), as well as a Researcher at the Institute of Electronics and Informatics Engineering of Aveiro (IEETA), University of Aveiro (UA). His interests include human-centered technologies with a focus on virtual and augmented reality, computer vision, computer graphics, 3D reconstruction, as well as data and information visualization, with a particular interest in Industrial scenarios.
- Beatriz Sousa Santos - [bss@ua.pt](mailto:bss@ua.pt)
  - Beatriz is an Associate Professor at the Department of Electronics, Telecommunications and Informatics (DETI), as well as a Researcher at the Institute of Electronics and Informatics Engineering of Aveiro (IEETA), University of Aveiro (UA). Her interests include human-centered technologies with a focus on virtual and augmented reality, as well as data and information visualization, with a particular interest in Industrial scenarios.

All organisers share experience in using Mixed Reality technologies in Industrial Scenarios, being involved in various research projects with Industrial partners over the years, which result in multiple journal and conference articles.

- Topics:
  - Advancements in VR/AR/MR technology for industrial scenarios;
  - Field studies evaluating the use of VR/AR/MR technology;
  - Novel approaches for training operators for new tasks;
  - Interaction with digital twins through VR/AR/MR solutions;
  - Approaches to support VR/AR/MR accessibility in shop-floor contexts;
  - New types of industrial collaborative VR/AR/MR experiences.
- Types of acceptable papers: research papers, position papers.
- Acceptable lengths: 2-4 pages.
- Acceptable format: TVCG format.

**A list of important dates (if applicable to the format), including**

- Abstract deadline (if applicable)

January 6, 2023

- Submission deadline

January 13, 2023

- Notification deadline

January 20, 2023

- Camera-ready deadline

January 27, 2023

**List of workshop organisers, affiliations and how to contact them**

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