IEEE VR 2023 – WORKSHOP PROPOSAL

- The workshop title and acronym:
    - **2nd XR Health workshop** - XR Technologies for Healthcare and Wellbeing (Acronym: **XR Health**)
- Expected workshop date(s) (tentative)
    - 25 or 26 March 2023
- Whether the workshop is organised online or on-site (at the conference)
    - The workshop will be taking place over on Zoom and chat systems like Discord.
- The workshop website
    - We will setup a website on Google Sites or equivalent if the workshop is accepted, similar to the previous edition of this workshop: https://sites.google.com/view/xrhealth/

- A brief overview and description of the workshop (500 words or less)
    - We propose to host a workshop at IEEE VR focusing on XR (AR/VR/MR) technologies to help in the broad areas of interest related to healthcare and wellbeing. XR technologies have been experimented with in many areas of healthcare and well-being over the years. With the ubiquitous use of XR devices there creates a great opportunity to further XR research to help support healthcare professionals and the wellbeing of people. XR has demonstrated many advantages to various healthcare and well-being areas, however, more research is required. We aim to gather the intersection of researchers working in the areas of XR for healthcare and wellbeing from the HCI community to come together to share their ideas and discuss possible future grand challenges. We solicit short paper submissions with lightning talks at the workshop. We will have a break-out session to discuss the topics of the workshop in more depth. We will have two invited talks, one from academia and one from industry.

- A list of the workshop's topics
    - XR technologies for the following topics (among others):
        - Addiction Recovery
        - Cancer Pain and Palliative Care
        - Education and Training
        - Emergency Medical Care
        - Health Care
        - Medical Imaging (e.g. MRI, CT, PET, XRay)
        - Mental Health (e.g. Depression, Post-traumatic stress disorder, Stress, Anxiety)

- ■ Nursing and Midwifery
- ■ Neurodevelopmental Disorders (e.g. Autism, ADHD)
- ■ Pain Management (e.g. Chronic Pain and Acute Pain)
- ■ Patient Safety
- ■ Rehab and Physical Activity
- ■ Radiation Therapy
- ■ Surgery (e.g. Cardiac, General, Dental, Orthopaedic)
- ■ Telehealth
- ■ Wellbeing

- The workshop's format and submission guidelines:
  - **Papers**: We will accept papers up to 4 pages in length in TVCG format.
  - **Schedule:**
    - ■ 09:00-09:15 Welcome and Introductions
    - ■ 09:15-11:00 Lightning Talks of position papers (5-10 mins including questions)
    - ■ 11:00-11:30 Break
    - ■ 11:30-12:00 Discussion and Breakout Sessions
    - ■ 12:00-12:30 Wrap up

- A list of important dates (if applicable to the format), including
  - Submission deadline: 10 January
  - Notification deadline: 15 January
  - Camera-ready deadline: 22 January

- A list of the workshop organisers, including their affiliations and how to contact them
  - Dr. Craig Anslow (craig@ecs.vuw.ac.nz) Victoria University of Wellington, New Zealand
  - Dr. Joaquim Jorge (jorgej@tecnico.ulisboa.pt) University of Lisbon, Portugal
  - Dr. Helena Mentis (mentis@umbc.edu) University of Maryland, Baltimore County, USA https://userpages.umbc.edu/~mentis/
  - Dr. Mark Billinghurst (mark.billinghurst@auckland.ac.nz) University of South Australia, Australia and University of Auckland, New Zealand
  - Dr. Tim Bickmore (t.bickmore@northeastern.edu), Northeastern University, USA
  - Dr. Ben Lok (lok@cise.ufl.edu), University of Florida, USA
  - Dr. Sab Babu (sbabu@clemson.edu), Clemson University, USA
  - Dr. Matias Volonte (m.volonte@northeastern.edu), Northeastern University, USA

- **Contact person: Matias Volonte – m.volonte@northeastern.edu**