ViBRANT - Workshop on Video-Based Respectful Assistive Novel Technologies

Call for Papers

In the field of Active/Ambient Assisted Living (AAL), the popularity and increased use of video-based technologies bear enormous potential for ensuring holistic, data-rich and straightforward health monitoring. However, these technological advances create particular tensions and implications among all disciplines involved. On the one hand, there are great technological and economical advantages. On the other, concerns regarding privacy and continuous surveillance of intimate activities are prevalent barriers to the adoption of visual AAL devices. To design and develop privacy-aware and acceptable video-based AAL, it is crucial that technological developments in engineering and computer science are accompanied and mutually influenced by user studies in the social sciences, by investigations of the applicable legal framework and by insights on medical and healthcare necessities. Thereby, the respectful and careful consideration of societal, individual and cultural values and norms should be at forefront of these interdisciplinary conversations.

The **ViBRANT** (Video-Based Respectful Assistive Novel Technologies) workshop connects generations of academic researchers with various scientific backgrounds, including technical, social and legal. Besides academia, medical and care professionals, as well as industry partners who are interested in the advancement of Ambient/Active Assisted Living (AAL) technology are targeted. The overarching goal of the workshop is to foster an interdisciplinary research community that discusses the latest advancements in video-based AAL including their practical, real-life applications and methodological approaches to identifying the potentials and risks associated with using visual devices in healthcare settings. The workshop further provides opportunities for establishing interdisciplinary collaborations and networking.

The workshop is held as part of VISAPP 2024 Conference, the 19th international conference on computer vision theory and applications, Rome, Italy - February 27- 29, 2024.

The scope of the vibrant workshop includes (but is not limited to) the following areas and topics:

- video-based technology for health monitoring
- fair and privacy-aware systems
- integration of engineering issues in the design process of video-based AAL
- legal requirements and privacy issues for data collection and processing in care
- user acceptance criteria for video-based AAL
- GDPR requirements for video-based AAL solutions
- best practices of interdisciplinary collaborations between legal, technical, social, health sciences

Important Dates

- Submission deadline: **21.12.2023**
- Notification of acceptance: **09.01.2024**
- Camera-ready submission and registration to the workshop deadline: **17.01.2024**
- Planned workshop day: to be announced (half-day)

Submission guidelines and instruction for authors

The guidelines and instructions can also be found on the conference website here.

- It is recommended that papers are submitted for review with around 10 pages using the templates available on the conference website. Submissions with less than 4 pages or more than 13 pages will not be considered and directly rejected.

- After the double-blind peer review process qualified submissions will be classified as either short (8-page limit) - or full (12-page limit) papers.

- Contributions to the workshop are either presented as 20-minute (short paper) or 25-minute (full paper) oral presentations or as poster presentations during an informal coffee break. In-person attendance is strongly preferred and encouraged. However, virtual options to attend the workshop are provided on request.

- The Conference Proceedings will be published under an ISBN and/or ISSN number by SCITEPRESS and include the final versions of all accepted papers, adjusted to satisfy reviewers´ recommendations. The proceedings will be submitted to various international indexers such as Google Scholar, Scopus, Elsevier Index, Semantic Scholar, DBLP and others.

- For each accepted submission, at least one author must register for the conference and attend the workshop. Registration fees for VISAPP 2023 are available here.

- As alternative option authors can submit a 1-page abstract which may present works-in-progress or research highlights of novel archival work. Abstracts may include, as complementing material, a previously published paper or a video. Abstracts have a lower registration fee (check on the "Abstracts and Doctoral Consortium" line in the table). The following conditions apply:

  - The submissions will be screened by a panel of experts, including the conference and program chairs and can be accepted as Short Papers. Acceptance will indicate, for each paper, also its form of presentation.

  - Abstracts that bring an appropriate complementing material are eligible for oral or poster presentation; otherwise, they are eligible for poster presentation only.

  - Abstracts will be advertised in the conference program and in the conference book of abstracts (in the printed and digital version), but not published in the proceedings or included in the Digital Library. Complementary materials will also not be published in the proceedings or included in the Digital Library. Besides, abstracts will not be indexed.

- **Please submit your contribution using the PRIMORIS Platform**

Workshop Chairs

The workshop is organised by the following members of the MSCA ITN VisuAAL.

- Irene Ballester, Computer Vision Lab, TU Wien, Austria

- Caterina Maidhof, Human-Computer Interaction Center, RWTH Aachen University, Germany

- Wiktor Mucha, Computer Vision Lab, TU Wien, Austria

For additional information, please write an email to the address:

wiktor.mucha@tuwien.ac.at

The workshop is supported by the MSCA Innovative Training Network VisuAAL and the GoodBrother COST Action. Information and possibilities for receiving travel grants as young researchers and innovators are available at the GoodBrother project.