



ETXR 2018
ELXB 5018

Workshop of Emerging Topics in XR Call for Papers

AR/VR/XR provides users to link the perception from a real world to a virtual world with 3D contents. Computer vision, computer graphics, and interactive technologies in human computer interface supply ways to visualize and display 3D models, animations, and visual indicators for storytelling from designers and artists. This workshop offers a meeting place for researchers/designers/artists working in the convergence area of AR/VR/XR to share the research and prototyping experiences for creative ideas. At the workshop papers for “emerging topics in XR” present fast forward talks and live demonstrations, including displays, virtual and augmented reality, input devices, and robotics. Some of the accepted works will be chosen as "Best Demo Prize" by the “emerging topics in XR” program committee members at the event venue. Topics of interest include, but are not limited to:

1. **Human-Computer-Interaction in VR/AR/XR**
2. **Wearable Applications with AR/VR/XR**
3. **Performing Art with XR**
4. **Interactive Robot with XR**
5. **UX with AI agents in AR/VR/XR**
6. **Experimental Theater Performing with AR/VR/XR**
7. **Behavior Recognition in AR/VR/XR**

Submissions:

In this workshop, each of the accepted speakers need to use 3 minutes to give a short talk in the “workshop paper fast forward”, and present a live demo in front of the poster of the provided kiosk. The attendees and the presenters can directly interact and share the research ideas, experiences, and suggestions for the proposed prototype. The papers with research potentials and qualified written articles for the emerging topics in XR can be accepted. Authors are invited to submit a 1~6 page technical paper manuscript (which will be published in IEEE Xplore) in double-column IEEE format following the guidelines available on the AIVR 2018 web page (<http://aivr.asia.edu.tw/2018/>). All submissions should be directly submitted to the organizers by email.

Workshop website:

<https://ucvisionlab.wordpress.com/etxr/>

Important Dates:

Paper submission deadline:
October 12, 2018

Paper acceptance notification:
October 21, 2018

Camera ready and registration deadline:
October 31, 2018

Workshop:
December 10-12, 2018

For paper submission and more information, please contact the workshop chairs:

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