

ReDigiTS workshop

Organizers

Alberto Cannavò received the B.Sc. degree from University of Messina, Italy, in 2013. He then received the M.Sc. and the Ph.D. degrees in computer engineering from Politecnico di Torino, Italy, in 2015 and 2020, respectively. Currently, he is an assistant Professor with time contract at the Department of Control and Computer Engineering of Politecnico di Torino, working in the GRAPHICS and INTELLIGENT SYSTEMS research group. He is serving as secretary of the Technical Committee on Virtual Reality, Augmented Reality and Displays (VAR TC) of the IEEE Consumer Technology Society. His fields of interest include computer graphics and human-machine interaction. In particular, he is presently conducting research in the areas of computer animation and virtual reality. His Ph.D. thesis, titled "Interfaces for human-centered production and use of computer graphics assets" was recognized by the Italian Chapter of the Eurographics Association as the best Ph.D. thesis in computer graphics for the year 2020. Email: alberto.cannavo@polito.it.

Bill Kapralos is an Associate Professor at Ontario Tech University, Canada, an Adjunct Professor in the Department of Engineering and Computer Science at York University, Canada, and an Honourable Guest Professor at Shizuoka University, Japan. He is also the Technical Lead of the Collaborative Human Immersive Interaction Laboratory (CHISIL), a collaborative laboratory examining the application of virtual reality, augmented reality and mixed realities in clinical, medical, and patient education in the perioperative period. His current research interests include: immersive technologies, serious gaming, multi-modal virtual environments/simulation/reality, the perception of auditory events, and 3D (spatial) sound generation. At the invitation of the Federal Republic of Germany, he took part in the week-long "Electronic Start-Up: Industry 4.0 in Germany, Country of Innovation", Visitors Programme in August 2016. He is currently leading the serious gaming theme within the Social Sciences and Humanities Research Council of Canada (SSHRC) Interactive and Multi-Modal Experience Research Syndicate (IMMERSe) initiative. He chaired the 2014 IEEE Games, Entertainment, and Media (GEM) conference, and the ACM FuturePlay International Conference on the Future of Game Design and Technology from 2007-2010. He co-chaired the 2015 IEEE GEM conference, and the ACM Virtual Reality Software and Technology Conference in 2012. More information at: <https://faculty.ontariotechu.ca/kapralos>. Email: Bill.Kapralos@ontariotechu.ca.

Sofia Seinfeld is an associate professor in the Image Processing and Multimedia Technology Center of the Universitat Politècnica de Catalunya (UPC). Previously, she worked as a postdoctoral researcher in the Human-Computer Interaction research group at the University of Bayreuth. She gained her PhD, focused on virtual reality and experimental psychology, from the Universitat de Barcelona, working as part of the Institut d'Investigacions Biomèdiques August Pi i Sunyer (IDIBAPS) and Event Lab. Throughout these years, Sofia has worked in several european projects related to embodiment in virtual reality and the development of novel types of user interfaces. She has expertise on psychology, human-computer interaction, perception, multisensory integration, and virtual reality. Email: sofia.seinfeld@citm.upc.edu.

Filippo Gabriele Praticò received his P.h.D. degree in computer engineering from Politecnico di Torino, Italy, in 2022. He is currently a post-doctoral fellow at the Dipartimento di Automatica e Informatica of Politecnico di Torino. He is also a lecturer with time contract at the Department of Control and Computer Engineering of Politecnico di Torino, working in the GRAPHICS and INTELLIGENT SYSTEMS research group. He is serving as member of the Technical Committee on Virtual Reality, Augmented Reality and Displays (VAR TC) of the IEEE Consumer Technology Society and in the organizing committee of the 9th International Conference of the Immersive Learning Research Network (iLRN2023). His research interests include eXtended Reality, human-computer and human-robot interaction, unmanned vehicles simulation. He is a member of the IEEE and IEEE Consumer Technology Society. Email: filippogabriele.prattico@polito.it

Congyi Zhang is a postdoctoral fellow at the University of Hong Kong. Meanwhile, he is a visiting researcher at the Max-Planck-Institute (MPI) for Informatics, Saarbrücken, Germany. He received his B.Sc. degree from

the School of Mathematical Science, Fudan University, in 2012, and his Ph.D. degree from the School of Electronics Engineering and Computer Science, Peking University, in 2019. His current research interests include 3D reconstruction and modeling, augmented reality and virtual reality, and human–computer interaction. More information at: <https://cong-yi.github.io/>. Email: cyzhang@cs.hku.hk.