

Webinar

Robots on the stage

Fostering interdisciplinary convergences between robotics and theatre

1. Robots and theatre: creations, challenges and research prospects

Monday 1 March 2021, from 10am to 1pm

10:00 – Introduction to the webinar "Robots on the stage"

Erica Magris, Giulia Filacanapa et Salvatore Anzalone, EUR ArTeC – Université Paris 8, Saint-Denis, France

10:15 – Robot Companions: How Science Fiction is Becoming Reality

Paolo Dario, Professor, The BioRobotics Institute, Scuola Superiore Sant'Anna di Pisa, Italy

11:00 – Why robots on the stage? Motivations, issues and perspectives

Andrea Bonarini, Professor, AI and Robotics Lab, Politecnico di Milano, Italy

11:45 – Pause

11:50 – Android on contemporary stage. From the device to the acting situation

Izabella Pluta, Researcher, Centre d'études théâtrales, Université de Lausanne, Switzerland

12:35 – Discussions

12:55 – Conclusions

Join us via Zoom through the following link:

<https://zoom.us/j/97339099545?pwd=cEJlNlgyOXd2N1NFUC9VMmVPd3pTQT09>

Let's stay in touch! Subscribe to the next events by filling the following form:

<https://forms.gle/o1GRXK3pQ8pnWXYcA>

Scène et robotique : interactions et interrelations – un projet de l'EUR ArTeC

Site web Projet: <https://eur-artec.fr/projets/scene-et-robotique-interactions-et-interrelations/>

Site web Webinaire: <https://eur-artec.fr/evenements/scene-et-robotique-interactions-et-interrelation-webinaire-internationale/>

Contacts: sanzalone@univ-paris8.fr ; giulia.filacanapa02@univ-paris8.fr ; erica.magris@univ-paris8.fr

Biographies

Paolo Dario



Paolo Dario is Professor of Biomedical Robotics and Pro-Rector for University's Third Mission at the Sant'Anna School of Advanced Studies, Pisa, Italy. He has been Founding Director of The BioRobotics Institute and Founding Coordinator of the PhD Program in Biorobotics at the Sant'Anna School of Advanced Studies. He has been and is visiting researcher, professor and fellow at various universities and scientific institutions in Europe, USA, the Middle East and Asia. His current research interests are in the field of bio-robotics and bionics, and include surgical robotics, micro/nano devices for endoscopy, bio-inspired devices and systems, and assistive and companion robots. Paolo Dario is the author of 400+ journal publications (Scopus), his H-Index is 64 (Scopus) and 92 (Google). He is co-author of 50+ international patents and co-founder of 5 start-up companies. Paolo Dario has coordinated many large national and European projects, and he served in many EU Committees. He is Founding Editorial Board Member of the Journal "Science Robotics", Associate Editor of the IEEE Transactions on Biomedical Engineering and Editor-in-Chief of the new IEEE Transactions on Medical Robotics and Bionics. Paolo Dario is an IEEE Fellow and a Fellow of the European Society on Medical and Biological Engineering. He served as President of the IEEE Robotics and Automation Society and received several prizes and Awards, including the 1996 Joseph Engelberger Award for Medical Robotics, the 2014 IEEE RAS George Saridis Leadership Award, and the 2017 IEEE RAS Pioneer Award for Biorobotics.

Andrea Bonarini



Andrea Bonarini (MS Electronics Engineering, PhD Information Technology, Master NLP) is Full Professor at Politecnico di Milano Department of Electronics, Information, and Bioengineering. He is working on AI since more than 35 years, among the co-founding members of the Italian Association for Artificial Intelligence and of the Italian Chapter of the IEEE Computational Intelligence Society. He is Responsible of the AI and Robotics Lab at Polimi, where he coordinates researchers and students developing machine learning algorithms, "intelligent" objects, and autonomous robots (more than 50 since 1986, mostly social robots for entertainment, play (in many senses), and for people with disabilities). He is collaborating also with psychologists, designers, and artists in the development of affective interactive machines. He published more than 200 peer-reviewed papers.

Izabelle Pluta



Researcher in performing arts (PhD in theatre and cinema), theatrical critic and translator, associated researcher in Center of Theatre Studies and in Laboratory of cultures and digital humanities (University of Lausanne). She is the author of "L'Acteur et l'intermédialité" (2011), co-author with M. Losco-Lena of Théâtres Laboratoires (2015), edited "Metteur en scène aujourd'hui – identité artistique en question?" (in collaboration with G. Girot, 2017) and "Salle d'attente de Krystian Lupa. Création et transmission" (Antipodes, 2019). She achieved the edition of a collective book of artistic manifestos (Post)Digital Stage (to be published in autumn 2021, Presses universitaires de Rennes). Website: www.izabellapluta.com