

## **THE IEEE GLOBAL INITIATIVE ON ETHICS OF EXTENDED REALITY OFFICER BIOS**

### **MONIQUE MORROW (CHAIR)**

With over 25 years' experience as a global technology leader, Monique Morrow is Senior Distinguished Architect for Emerging Technologies at Syniverse Technologies where her main role and responsibilities is to provide thought leadership and to help the strategic direction and vision for Syniverse's identified emerging technologies across the company, partners and industry forum. Specific focus areas include extensions of Distributed Ledger Technology [DLT] and other emerging components of Blockchain technologies to Syniverse's Lines of Business and our Enterprise. Emerging technology areas include DLT interoperability; Zero Knowledge Proofs/Data Anonymization, Trust and Identity and Mobile Payments. She has worked across the industry including AMD, Ascom Hasler, Swisscom, Cisco and has been active in the start-up community. Additionally, Monique is President and Co-Founder of the Humanized Internet a Swiss based non-profit with a focus on digital identity and ethics in technology. Monique is former President of the VETRI Foundation based in Zürich, Switzerland. The main purpose of the Foundation is to represent a platform now known as VETRI, and to finance, establish and implement initiatives focused on data management and control and data protection. The foundation adheres to the principles of "trust and transparency". The vision is to empower individuals to have control over their own data. She is also an active member of the IEEE Ethics in Action Executive Committee as well as Co-Chair of the IEEE Ethics in Action Extended Reality Committee. Monique has been recognized in the industry for her tireless focus on social good. Monique holds over 14 patents and has co-authored several books. Monique was selected as one of the top Digital Shapers 2018 in Switzerland. Forbes Magazine listed Monique Morrow as one of the top 50 women globally in technology. OneWorldIdentity recognized Monique as of the top 100 influencers in identity for 2019. In May 2019, Monique was recognized by Cybersecurity Ventures as one of the top 100 women in Cybersecurity in March 2020, Monique was one several innovators featured in Red Bull Innovator Magazine in April 2020, Monique was selected as one of the 5 leading figures in Business by the Europa Forum Lucerne [Switzerland] specific to its theme, "Safety and Security in Times of Uncertainty." Monique is also 2020 winner WomenTech Network Global Technology Leadership award. Monique has an MSc in Digital Currency and Blockchain; and M.S. in Telecommunications and MBA. See also: <https://www.linkedin.com/in/moniquejeannemorrow/>

### **MATHANA (VICE CHAIR)**

Mathana is an artist, interplanetary philosopher and AI/XR/robot ethicist whose work sits at the intersection of technical standards, policy, advocacy and theory. They curate the project @automationomics, co-authored the IEEE's Ethically Aligned Design chapter on XR and lead the Initiative's policy track. Mathana is a fellow at the Centre for Internet and Human Rights (European University Viadrina), has a masters from the J-school at the Chinese University of Hong Kong (Global Communication) and studied international relations and law at the University of Texas at Dallas. [*Mathana is a mononym; and uses the pronouns 'they'/'them'*].

### **DAISY TAM (SECRETARY)**

Daisy has been with Global Risk Management Division of the Bank of Nova Scotia for over a decade. A past Newsletter Editor with IEEE Toronto, Canada Section, and Public Relations Officer with IEEE University of Toronto Student Branch.

### **ELENI MANGINA (WHITE PAPER SUBGROUP CHAIR)**

Eleni Mangina is a Professor in School of Computer Science, and joined University College Dublin (UCD) in January 2002. Her current work focuses on the analysis, design and development of intelligent systems, which utilise different Artificial Intelligence (AI) techniques and emerging technologies. More specifically, Eleni Mangina is project coordinator of two (2) H2020 projects (ARETE & AHA), one (1) Erasmus+ (FANTASIA) and partner within three other EU projects (XR4Ped, BASE, RoboPisces). She is currently a funded investigator as part of SFI ESIPP and academic supervisor for two (2) SFI Centres for Research Training (CRT) (Machine Learning – ML-Labs; Digitally-Enhanced Reality – D-REAL).

The ARETE H2020 project aims to support the pan-European interactive technologies effort both in industry and academia, through the multi-user interactions within AR technologies evaluated in education in both professional and private contexts and ethics considerations are highly relevant with the aims of the IEEE Global initiative on XR Ethics. The authoring tools used within ARETE and the provision of access to AR content developed for the broader community of users within the EU, will increase the European innovation capacity in AR. Through systematic application of human-centred design approaches, ARETE will deliver highly usable, useful and desirable AR technologies and contents, leading to a wider uptake and further stimulating their creative usage.

Eleni is currently the Vice Principal (International) College of Science, the Chair of Athena SWAN Bronze Award application for the School of Computer Science, mother of 3 and an advocate for equality, diversity and inclusion.

### **GEORGIA LIVIERI (MARKETING SUBGROUP CO-CHAIR)**

Georgia Livieri has a Master's degree in Moral Philosophy from the National and Kapodistrian University of Athens, Greece. She is currently a Ph.D. Candidate in Bioethics and Public Health Policy at the Cyprus University of Technology in Limassol, Faculty of Health Sciences, Cyprus International Institute for Environmental and Public Health. Her study is upon the ethical issues arising from the use of Health Big Data for the investigation of epidemics and the diagnosis

of diseases. She has obtained further training in Germany, Austria and the U.S.A, being specialized in Bioethics, Human Rights and Public Health. She is a scholar of the Leventis Foundation.

She has been an Ethics Researcher at the Hellenic Institute on the United Nations Affairs and she is currently an active member of the Hellenic Association of Political Scientists. She is delivering services as an Ethics Consultant to European projects in collaboration with Health IT Companies in Greece. In advance, she acts as an Ethics Advisor at the Frankfurt Big Data Lab, AI Ethics, Goethe University, Germany. Also, she is an External Ethics Expert at the Ethics & Deontology Committee of the Medical School at the University of Patras, Greece.

What is more, she is an Ethics Research Associate at the Cardiovascular Epidemiology & Genetics Research Lab, CUT, being responsible for the Bioethical issues arising from the use of technological advancements. Furthermore, she, as an appointed representative of the Cyprus Unit of UNESCO Chair in Bioethics, is in direct collaboration with the Israel Haifa Unit of UNESCO Chair in Bioethics.

In addition, she is an Editorial member of the International Journal of Epidemiology and Health Sciences based in the Netherlands. Finally, she has the Chair of the External Ethics Advisory Board at ARETE Horizon funded project and at Erasmus+ project FANTASIA, in collaboration with the University College Dublin, Ireland under the framework of the European Commission.