

### **SHORT Bio**

**Micaela Liberti**, Senior Member, IEEE, received the M.Sc. degree in electronic engineering and the Ph.D. degree from Sapienza University of Rome, Italy, in 1995 and 2000, respectively.

She is currently an Associate Professor in the Department of Information Engineering, Electronics, and Telecommunications (DIET) at Sapienza University of Rome.

From 2012 to 2015, she served as the national supplement representative of European Cooperation in Science and Technology (COST) TD1104: “European network for the development of electroporation-based technologies and treatments.” In 2019, she co-chaired BIOEM2019, the Joint Annual Meeting of the Bioelectromagnetics Society (BEMS) and the European Bioelectromagnetics Association (EBEA), held from 23rd to 28th June 2019 in Montpellier, France. In 2020 and 2021, she served as the President of the European Bioelectromagnetic Association (EBEA), and until March 2022, she served as the President ad interim of BioEM.

Since 2021, Prof. Liberti has been a member of the Scientific Expert Group for the International Commission on Non-Ionizing Radiation Protection (ICNIRP) and the Technical Advisory Committee of the International Union of Radioscience (URSI) Commission K. Since 2022, she has been a member of TC28 of the IEEE MTT Society. Her scientific interests include theoretical modeling in bioelectromagnetics, biomedical applications of EMF, microdosimetry, and exposure systems, as well as applicators dosimetry and design.

### **STATEMENT**

I am grateful to have the opportunity to present my vision for BioEM and my aspirations for the role of President. I have trusted the capabilities of this Society from the outset, doing my best to contribute to its establishment. I strongly believe that, as a community devoted to understanding the effects of electromagnetic fields on biological systems from various angles, we have great potential to make a significant impact. Despite being a recently established Society, we have a global presence, and I am confident that by fostering collaboration and cohesion, we can overcome national differences and harness synergies.

My vision is centered on three key pillars that I think will drive us towards a future of innovation, collaboration, and societal impact.

Firstly, I aim to encourage a culture of interdisciplinary collaboration within BioEM. Bringing together researchers, practitioners, and industry experts will help us pool our knowledge to address complex challenges. Collaboration will be our cornerstone for accelerating scientific progress and creating an inclusive environment that welcomes diverse perspectives.

Secondly, I plan to continue prioritizing the development of the next generation of BioEM leaders. This involves investing in education initiatives, mentorship programs, and opportunities for early-career professionals and students. By empowering emerging talents, we will ensure a continuous cycle of innovation and excellence in our field.

Lastly, I would be dedicated to translating research findings into tangible outcomes that benefit Society. It's crucial to bridge the gap between scientific discoveries and practical applications. This includes offering reliable answers to questions arising from the impact of new electromagnetic technologies, promoting responsible innovation and the ethical application of our research in healthcare, medical technology, and environmental sustainability.

As President, my commitment would be to lead with integrity, transparency, and a collaborative approach. I aim to actively engage with members, listen to diverse viewpoints, and work tirelessly alongside the BioEM Board and BioEM Office to advance the Society's goals and mission.

I hope to embark together on a journey of discovery, innovation, and positive impact, collaborating with each of you to achieve our shared vision for the future of BioEM.

I thank you if you're willing to offer me your trust and support.