

Mariangela Bondi's Bio

Mariangela Bondi is a Technologist at INFN – Sezione di Catania, with a PhD in Physics from the University of Catania (2015). She is a member of the CLAS, EPIC, BDX, and HPS collaborations, working on experimental hadron physics and light dark matter searches with high-intensity electron beams. She currently serves as co-spokesperson of the BDX experiment at Jefferson Lab and of the CLAS12 experiment "Electro- and photo-production of muon pairs with CLAS12: Double Deeply Virtual Compton Scattering, Timelike Compton Scattering, and J/Ψ production," and is responsible for Monte Carlo simulation of the ePIC EndCap MPGD trackers. She has coordinated several detector R&D and data-analysis efforts, including the SRO prototype readout system and the BDX-MINI and BDX-HODO detectors, and has also supported other R&D efforts such as MPGD (μ RWELL) development for EPIC and the characterization of SciGlass calorimeter samples. She has given numerous invited talks at international conferences and served on several workshop organizing committees. She is the author or co-author of over 160 publications (h-index 27) and currently serves as Outreach Coordinator for INFN – Sezione di Catania.