Biography

Dr. Mitri is a Postdoctoral Researcher at the Semiconductor Devices Laboratory of Roma Tre University, Italy. She received her Ph.D. in Applied Electronics from Roma Tre University and her M.Sc. in Biomedical Engineering from University Campus Bio-Medico of Rome. Her research interests focus on nanostructured materials and devices for sensing and photodetection, with particular emphasis on colloidal quantum dot-based technologies integrated on silicon platforms. Her work targets applications in environmental monitoring, security, radiation detection, imaging, and near-infrared/SWIR optoelectronics.