

Salvatore Ethan Panasci graduated in *Physics* at University of Palermo and received his Master Degree in *Materials Science* at University of Padova in 2019. In 2022, he received a PhD in *Materials Science and Nanotechnologies* at University of Catania in collaboration with CNR-IMM in Catania. From November 2022 to August 2023 he had a post-doc position at CNR-IMM and, starting from September 2023, he holds a temporary Researcher position at CNR-IMM in the framework the PNRR project IEntrance. His research activities are focused on the integration of 2D materials, specifically Graphene and Molybdenum Disulfide (MoS₂), on wide bandgap semiconductors (SiC, GaN). He acquired skills on different preparation methods of 2D materials from top-down to bottom-up approaches, which included the mechanical exfoliation assisted by Au, chemical vapor deposition, sulfurization of ultrathin Transition metals films and pulsed laser depositions. Indeed, his activities included different characterization methods such as scanning probe microscopy for advanced nanoscale morphological and electrical characterizations, micro-Raman and micro-photoluminescence spectroscopy. He is co-author of 22 papers, with a h-index of 10.