

Federica BONDINO - CV

Federica Bondino is a senior researcher of the Consiglio Nazionale delle Ricerche CNR - Istituto Officina dei Materiali (IOM). She graduated in Physics and obtained a PhD in Physics at the University of Trieste. She has been visiting scientist in Berlin (FHI) and Berkeley (LBNL) and has conducted experiments in several synchrotron facilities across Europe and USA (Elettra, Soleil, ALBA, ESRF, SLS, BESSY-II, MAX lab, APS). She is the scientific manager of the synchrotron radiation beamline BACH since 2015. For over 20 years she has contributed to the technical and organizational management of beamlines, the maintenance and development of cutting-edge instrumentation and ultra-high-vacuum endstations, and to the technical and scientific support to users. She has extensive experience in ultra-high-vacuum growth of low-dimensional materials and their characterization with soft- and EUV-X spectroscopies. In this field, she co-organized the ICTP workshop '2D Materials for Spin-Orbitronics' and has been the national coordinator of the bilateral CNR-SAS project focused on transition metal dichalcogenides for applications in advanced electronics and sensors, unit coordinator of the FIRB 2012 'Beyond Graphene', coordinator of the CNR-IOM sub-unit of PRIN 2022 '2DIntegrate'. She is member of the external expert panels of the Canadian Light Source and the Advanced Light Source. She is author and coauthor of over 180 scientific publications in international journals.