

Curriculum Vitae Marini Andrea

Address	Istituto di Struttura della Materia (ISM) Consiglio Nazionale delle Ricerche (CNR) Area Territoriale di Ricerca di Roma 1 Monterotondo RM, Italy
Telephone	+39 06 90672 890 (office), +39 345 2759500 (mob.)
E-mail	andrea.marini@cnr.it
Gender, nationality, b. date	Male, Italian, 09.09.1972
Personal website	https://flash-it.eu/
Scholarly contributions	Google Scholar H-index 54, 11455 citations Scopus H-index 47, 8671 citations, 118 documents Clarivate Web of Science H-index 48, 8275 citations, 102 documents 2020-21-22-23-24-25 Elsevier and Stanford University's Top 2% scientists "Single Year" and "Career Long" rankings Originator of the widely-used ab initio computational materials research open-source project Yambo . Yambo is a multi-purpose code used worldwide by hundreds of researchers. Continuously developed by a Team of developers spread around the world it is currently supported by an H2020 Initiative (MaX, <i>materials at the exascale</i>). It is installed on the machines of many High Performance Computing Centers in the world 110 talks and seminars, 2 colloquiums Responsible of the ISM-CNR Laboratory for Ultrafast Science (<i>FLASHit</i>)
Scientific Career	Research Director, CNR, Istituto per la Struttura della Materia (2025-) First Researcher, CNR, Istituto per la Struttura della Materia (2020-2025) Researcher, CNR, Istituto per la Struttura della Materia (2011-2020) Researcher team leader of the European Theoretical Spectroscopy Facility (2007-) Researcher, Physics Department, University of Rome Tor Vergata (2010-2011) Researcher, CNISM (Consorzio Interuniversitario per la Scienza della Materia), Physics Department, University of Rome Tor Vergata (2006-2009) Researcher, CNR, University of Rome Tor Vergata (2004-2006)
Group members	Carmen Gargiulo (Technologist) Yuriy Yerin (Researcher) Kai Wu (PostDoc), Zhengbang Zhou (Visiting scholar)
Scientific Projects	Materials design at the eXascale (MaX) Grant Agreement No. 676598 (2015-) Nanoscience Foundries & Fine Analysis (NEP NFFA-Europe-PILOT), Grant Agreement n. 654360 (2015-) PNRR Rome Technopole (2022-) APhRICA Advanced Physics in Rwanda Ism-cnr Cooperation Agreement (2024-) APhRICA Advanced Physics tRainIng and Collaboration with Africa Program (2024-) PNRR CN HPC (2022-2025) MUR PRIN 2020 Conquest (2022-2025) Unraveling ultra-fast photo-induced phenomena at the nanoscale: a joint theoretical and experimental approach, Fondo per gli Investimenti della Ricerca di Base (FIRB) (2013-2016) Electronic dynamics in ultra-intense laser fields (ELISE), Fellowship Ikerbasque Science foundation, Spain (2010-2011)
Yambo Training	The Yambo code has been used in tens of schools all around the world. Yambo-dedicated schools: Rome 2014-24, ICTP Trieste 2010, 2020 - CECAM Lausanne 2012, 2015, 2017 - Tokyo 2014 - Cineca 2018, in addition to schools joint with other codes (ICTP Trieste 2013, 2017 - Oxford 2013 - Brasil 2011) and the African School series on Electronic Structure Methods and Applications (ASESMA) series (South Africa 2015 - Ghana 2016 - Ethiopia 2018 - Cameroon 2019 - Congo 2022 - Rwanda 2023)
Co-organized Conferences and Workshops	ETSF Electron-phonon collaboration team workshop, Luovain-la-Neuve, 2024 Phys HPC, Madrid, 2024 Progress in Non-equilibrium Green's Functions 8, Örebro, 2023 7 th African School on Electronic Structure Methods and Applications, - ASESMA, Kigali, 2023 Yambo school, Rome, 2023 Ultrafast Physics from Molecules to Nanostructures, CECAM-PsiK, San Sebastian, 2019 Progresses in Nonequilibrium Green's Functions VII, INFN-Frascati, 2018 ETSF workshop, Paris, 2015 - Rome, 2017 Ultra-fast phenomena in quantum physics: a challenge for theory & experiment, CECAM-Lausanne, 2016 Electron-vibration coupling: theoretical and numerical challenges, CECAM-Lausanne, 2015 GW quasiparticle calculations in condensed matter physics and nanoscience, CECAM-Lausanne, 2012