Dario Narducci was born in Milan (Italy) in 1960.

Graduated in Chemistry at the University of Milan in 1984, from 1985 to 1988 he was a Ph.D. student in Chemistry at the University of Milan, where he worked in the area of solid state physical chemistry, also visiting the Physics Laboratory of the University of Amsterdam where he worked in the field of electron spin resonance of defects and impurities in silicon. From 1988 to 1990 he was Post-Doctoral Fellow at IBM Thomas J. Watson Research Center in Yorktown Heights, NY, studying the electrical properties of semiconducting diamond. In 1990 he re-joined the University of Milan, Department of Physical Chemistry and Electrochemistry, as an Assistant Professor, moving in 1997 to the Department of Materials Science, University of Milano Bicocca, where he became Associate Professor of Physical Chemistry in 2000.

Dario Narducci has an extensive record of projects he led or participated in, both at the National and at the European level. He was also the project leader of three privately-funded projects on gas detection systems and of several SME-funded research contracts.

Research interests of Dario Narducci have focused on the physical chemistry of solids and materials with a special emphasis on silicon. His activity has centred on transport properties of disordered materials that have been studied also in view of applications to energetics; and on surface science, where he has been active both on fundamental issues (physical chemistry of oxides and their surfaces, chemical reconstruction of single-crystal silicon surfaces, self-assembling of organic molecules onto silicon, and gas-surface supramolecular interactions) and on more applicative and technological issues (oxide and silicon-based chemical sensors and biosensors). Dario Narducci was a founding member of the Scientific Board of the Nanotechnology Interuniversity Centre of Como (L-NESS) and of the Babbage Project (SISSA, Trieste). He is also a member of the National Inter-University Consortium for Material Science (CNISM), of the European Materials Research Society and of the Materials Research Society.

Since 2008 Narducci has developed an intense research activity on thermoelectricity and on its applications to energy harvesting and cooling, mostly focused on top-down (nanowires and nanolayers) and bottom-up nanostructured silicon. In 2010 he was appointed Chief Technical Officer (CTO) and Board Member of a start-up co-financed by ERG SpA and LFoundry aimed at the development of silicon-based thermoelectric generators. As the start-up CTO he has promoted collaborations between industrial partners and research centres throughout Europe, encompassing institutions in Italy, Greece, Austria, and the UK. Narducci was also under contract with the European Union (Framework Programme 7) within the SiNERGY consortium, working at the development of all-silicon harvesters, wherein he led the thermoelectric work package; Principal Investigator of a Marie Skłodowska-Curie Global Fellowship (2018-2020) on hybrid photovoltaic-thermoelectric solar harvesters; and associated investigator to a European Research Council Starting Grant (2016-2021). His interests have further extended to applications of thermoelectricity to solar harvesting, also in collaboration with the Massachusetts Institute of Technology, and to the study of thermoelectric phenomena under non-stationary conditions.

Narducci co-promoted the foundation of the Italian Thermoelectric Society (est. 2014), serving as its President for ten years. He is currently the President of the European Thermoelectric Society, the Secretary of the International Thermoelectric Society, and is a member of the International Thermoelectric Academy. Author of more than 170 scientific publications and of eighteen patents, Narducci also wrote books on Nanotechnology and on Hybrid Thermoelectric-Photovoltaic Solar Generators and was the leading editor of a book celebrating 200 years since the discovery of thermoelectricity.