

Speaker academic biography

Alessandro N. Nardi is currently a CNRS postdoctoral researcher at Nantes University, in the CEISAM laboratory, where he works in Morgane Vacher's research group as part of the ERC ATTOP project. His research focuses on (i) the development and maintenance of algorithms for selecting the relevant nuclear coordinates to perform non-adiabatic simulations in reduced dimensionality, and (ii) the modeling of ultrafast coupled nuclear–electron dynamics on the attosecond to femtosecond timescales.

Prior to joining Nantes, he completed his PhD at Sapienza University of Rome under the supervision of Marco D'Abramo, working on the theoretical and computational modeling of the electronic and structural properties of nucleic acids in solution. He was awarded his PhD in April 2024.