

Alessandro Bismuto



Alessandro obtained his bachelor's and master's degree at the University of Naples (Federico II) working under the Supervision of Prof. Francesco Ruffo. In 2014, he moved to Scotland (United Kingdom) where he started his doctorate studies on the CRITICAT CDT (Doctoral Training in Critical Resources) programme. During that time, he worked under the supervision of Prof. Stephen Thomas and Dr Michael Cowley on main group catalysis at the direct interface between inorganic and organic chemistry. In 2017, he was awarded a Research Mobility grant from Royal Society of Chemistry to undertake a research placement at the University of California, Berkeley, with Prof. John Hartwig. In 2018, he moved to Switzerland to join the group of Prof. Bill Morandi as post-doctoral researcher at ETH Zürich. During the time in Switzerland, he has worked on transition-metal chemistry, developing novel catalytic cycles, and performing mechanistic studies. After starting an independent career at the Institute of Organic and Biomolecular Chemistry (University of Göttingen), Alessandro was appointed Junior Professor (tenure track) at the Institute of Inorganic Chemistry (University of Bonn) in May 2023. His current line of research focusses on the design and reactivity of heavy pnictogen complexes (Sb, Bi) for a variety of applications, spanning from luminescence to fundamental low-valent main group chemistry and catalysis.

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