

Erik Cerrato (EC) received the Master degree in Material Science in 2016 at the Chemistry Department of the University of Turin. He followed the XXXII° PhD cycle in Chemistry and Material Science at the same department, defending the PhD thesis titled “Innovative, oxide based, photoactive systems for photocatalytic applications and solar fuel production” in December 2019. After one post-doc year in the same group, he joined one-year post-doc position at the chemistry department of the Cardiff University. Finally, he joined INRIM institute, firstly as a senior post-doc for one year and subsequently with a permanent position as research technologist.

EC got a permanent position in 2022 as technology specialist for the PiQuET facility at INRIM. The current major research interests are the microfabrication of alkali vapor cells for quantum sensing devices and miniaturized optical clocks, the design and the production of photonic chips, and the spectroscopic characterization of solid state matrices embedded with lanthanides ions for deep space sensing and navigation applications.

