

## **Erik CERRATO - CV**

Received the Master 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, working on the development of nanostructured photocatalyst able to work under visible solar radiation for wastewater remediation and H<sub>2</sub> production. He defended the PhD thesis title "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. The current major research interests are the microfabrication of alkali vapor cells for quantum sensing devices and the design and characterization of photonic chips, with a particular focus on micro-rings structures for optical comb generation.