Mario Amati received the degree in Chemistry from University of Basilicata with a grade of 110/110 cum laude on March 2001. He got a fellowship at INSTM in 2001 and the PhD in Chemical Science from University of Basilicata on February 2005 under the supervision of Prof. Francesco Lelj. From 2006, he has a permanent position as assistant professor (ricercatore) of General and Inorganic Chemistry at the Science Department of the University of Basilicata.

His main research interests focus on the computational studies about metal complexes suitable for optoelectronic devices based on molecular materials, such us organic LEDs (OLEDs) and molecular photoconductive materials. Further researches on transition metal complexes are in progress for applications in antibacterial materials and electronic switches.

Theoretical studies are performed in collaboration with the Vrije Universiteit of Amsterdam under the supervision of Prof. Baerends. In them, the implementation and test of new XC funcitonals in the ADF quantum chemistry software are performed. Moreover, new computational analytical methods about the electric field gradient (EFG) have been implemented and are under investigation.

Mario Amati taught the Inorganic Chemistry Laboratory course (Degree in Chemistry) and the General Chemistry course (Degree in Tecnologie Agrarie) in 2005, the Inorganic Chemistry course (Degree in Chemistry) in 2006, 2007 and 2016 and the Inorganic Chemistry course (Master Degree in Chemical Sciences) from 2008 to now.