

Biographical notes: long

C. A. Biffi obtained master degree in Mechanical Engineering in 2005 and PhD in 2009 at Politecnico di Milano –Mechanical Department on the topic “Microdrilling of titanium with pulsed fiber laser: characterization of the process and reduction of spatter”.

He is currently working as researcher at National Research Council of Italy from 2009. His main research topics include production, characterization and workability of innovative shape memory alloys, mainly for high temperature applications, as well as laser material microprocessing (welding, drilling, cutting, milling and thermal treatment) of advanced materials, such as titanium, nickel-titanium, magnesium alloys and aluminium based metal matrix composites.

He is currently professor under contract of “Unconventional Machining”, at Politecnico di Milano- Lecco Unit from 2010.

He is co-author of more than 70 papers published on international and national journals as well as from international and national conferences. He is also involved in “Promozione L@ser”, a work group dealing on laser applications in manufacturing inside the national association AITeM.