

# ICMAP 2018

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## Prof. Vittorio Colombo

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**Vittorio Colombo** was born in 1961 in Italy, got a Master degree in Nuclear Engineering in 1986 and a PhD in Energetics in 1990 at the Politecnico di Torino, Italy and since 2000 he is full professor of Industrial Applications of Plasmas at the School of Engineering and Architecture of the Alma Mater Studiorum - Università di Bologna. He is a member of the Industrial Engineering Department (DIN) and of the Industrial Research Centre for Advanced Mechanics and Materials (C.I.R.I.-M.A.M.) and of the Consorzio Interuniversitario Nazionale per la Scienza e Tecnologia dei Materiali (INSTM). He is member of the Board of Regents of the PhD course in Health and Technologies. Founding member and coordinator of the Group for Industrial Applications of Plasmas (<http://plasmagroup.ing.unibo.it/>), active in thermal plasma fundamental and industrial research and in non-equilibrium atmospheric plasmas for industrial and biomedical applications.

President and CEO of the spin-off company AlmaPlasma srl, which he founded in 2013 with co-workers and is participated by Alma Mater Studiorum - Università di Bologna and by Confindustria Emilia Romagna ([www.almaplasma.com](http://www.almaplasma.com)).

His research activities deal with industrial, environmental and biomedical applications of plasmas, which are characterized by the common need of innovative and advanced treatments aimed at enhancing specific properties of different materials (from polymers to metals, from ceramics to biological substrates).

He has been (2016-2017) President of the International Plasma Chemistry Society-IPCS ([www.ispc-conference.org/](http://www.ispc-conference.org/)) and has been nominated chairman of the forthcoming 24th International Symposium on Plasma Chemistry to be held in Naples, Italy, 9-14 June 2019 ([www.ispc24.org](http://www.ispc24.org)). He is also member of: the Board of Directors of the International Society for Plasma Medicine-ISPM; the International Advisory Board of Plasma Processes and Polymers journal; the Editorial Board of the Plasma Medicine Journal; of the Editorial Board of the open access journal Plasma ([www.mdpi.com/journal/plasma](http://www.mdpi.com/journal/plasma)); of the Editorial Board of the Plasma Research Express journal; of the European Joint Committee on Plasma and Ion Surface Engineering - EJC/PISE. He is Associate Editor of the IEEE Transactions in Radiation and Plasma Medical Sciences (IEEE TRPMS). He has supervised 15 PhD students and many post-docs and young researchers. He is author of 110 papers in peer-reviewed international journals, besides a few patents in the field of thermal and non-thermal atmospheric pressure plasmas.