

CURRICULUM VITAE

PERSONAL DATA

Name, Surname Albano Cossaro
Birth Place, Date Udine, 1974, May the 12th
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EDUCATION AND WORKING EXPERIENCES

2020 –TODAY Associate Professor of Physical Chemistry, Department of Chemical and Pharmaceutical Sciences, University of Trieste
2011 –TODAY Coordinator of the ANCHOR Laboratory at the CNR-IOM
2002 –2020 Beamline scientist at IOM Institute of CNR, Trieste, Italy
2005 PhD in Physics at University of Trieste
2001 Information Technology Consultant at Accenture and at P@rtners, Milano, Italy
1998 Degree in Physics at University of Trieste, Italy

METRICS-PROJECTS

I am co-author of about 120 publications in peer-reviewed Journals. My h-index is 32 (Scholar Google), my papers have more than 3500 citations.

Principal Investigator of ANCHOR project (2012-2017, FIRB MIUR, 683 KEuros, ref: RBFR10FQBL)

Investigator within DESCARTES project (2013-2016, PRIN MIUR, Coordinator prof. M. Casarin, University of Padova ref.:2010BNZ3F2)

SCIENTIFIC INTEREST AND ACTIVITIES

I collaborate with the research group of the ALOISA beamline of the Elettra Synchrotron in Trieste, Italy. My research activity is mainly dedicated to the study of self assembly process of small molecules on metal and semiconductor surfaces and of on-surface synthesis of 2D systems. In particular, the attention is focused on the chemical, morphological and structural properties of the Self Assembled Monolayers (SAMs) and to the possible formation of covalently bound architectures, as the result of the interplay between molecule-molecule and molecule-substrate interactions. I coordinate the ANCHOR-SUNDYN laboratory at the Elettra Synchrotron in Trieste, in collaboration with PhD Martina Dell'Angela. ANCHOR-SUNDYN is an end-station of the synchrotron, operative since 2013. It allows to perform X-Ray spectroscopy on in-situ grown systems, both with Synchrotron light and Laboratory photons sources. Since 2015 a laser resolved in the femtoseconds regime has been installed to perform pump (laser) & probe (synchrotron) experiments, as well as two-photon photoemission spectroscopy.

REVIEWER-EDITORIAL ACTIVITIES

I am member of the Editorial Board of Chemistry, a journal of MDPI Editor.

I am referee for the following journals: Journal of Physical Chemistry (ACS), Langmuir (ACS), Physical Review B (APS), Surface Science (Elsevier), Chemical Physics Letters (Elsevier), Chemical Science (Royal Society of Chemistry). I am an external referee for the National Research Council of Romanian Government and for the Swiss National Science Foundation.

TEACHING ACTIVITY

Since 2020 I teach the following courses at the University of Trieste:

Physical Chemistry 2, Bachelor's Degree in Chemistry

Surface Chemistry, Bachelor's Degree in Chemistry

Advanced X-ray Spectroscopy, Master's Degree in Chemistry

CONFERENCES AS INVITED SPEAKER

2010 Nanobiotechnology Workshop at JRC Ispra, Ispra, Italy

2012 XCVIII SIF National Congress, Naples, Italy 2015 EMN EAST MEETING 2015, BEIJING, CHINA

2015 ECASIA'15 International Conference, Granada, Spain

2017 FISMAT 2017 National Conference, Trieste, Italy

2019 Conference at Collegio Fonda, Trieste, Italy

Trieste, February 2021

