

CURRICULUM VITAE



PERSONAL INFORMATION

Name Emanuela Callone
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WORK EXPERIENCE

- Date (from -to) 2009 – today
 - place University of Trento – Industrial Engineering Department
Via Sommarive 9 38123 Trento
 - type Scientific Research
 - activity role Research engineer
 - description Materials characterization by spectroscopic techniques, in particular with nuclear magnetic resonance and electron paramagnetic resonances: Review of the literature related to individual projects, design of experiments appropriate to the specific case, collection and analysis of data. Collaboration in the drafting of relevant scientific articles and dissemination of results.
Support the preparation of scientific projects that include NMR characterization. Technical management of the NMR Laboratory "Klaus Muller": ordinary and extraordinary maintenance, relations with suppliers and users.
Training for users.
See <https://webapps.unitn.it/du/it/Persona/PER0000689/Pubblicazioni> for publication list and activities.

- Date (from -to) 2013 – today
 - place University of Trento – Civil, Environmental and Mechanical Department
Via Mesiano 77 38123 Trento
 - type teaching
 - activity role Teaching support
 - description Classroom exercises and mentoring activities within the course of "Chemistry" (LT Engineering for the environment and territory)

- Date (from -to) 2015 - today
 - place University of Trento – Industrial Engineering Department
Via Sommarive 9 38123 Trento
 - type teaching
 - activity role Teaching support
 - description NMR Laboratory practical activity for the course "Properties and Characterization" module 2" (LM Materials and Production Engineering)

- Date (from -to) 2006 – 2012
 - place University of Trento – Faculty of Engineering (today: Civil, Environmental and Mechanical Department)
Via Mesiano 77 38123 Trento
 - type teaching
 - activity role Teaching support

- description Classroom exercises and tutoring for "General Chemistry courses" and "Chemistry + materials technology and applied chemistry" (Engineering / Architecture.)
- Date (from -to) 2004 – 2008
 - place University of Trento – Materials Engineering and Industrial Technology Department (today: Industrial Engineering Department)
Via Mesiano 77 38123 Trento
 - type Scientific Research
 - activity role Research Scientist
 - description Production and characterization of nanometric materials by sol-gel process for applications in automotive and sensor fields. Dissemination of results.

EDUCATION AND TRAINING

- Date (from-to) 2002 – 2004
- Education organisation University of Pisa. Biology Department
Via Volta 6 56126 Pisa
 - main skills Structural characterization, ecological role and phylogenetic relationships of the secondary metabolites of protists by spectroscopic and spectrometric techniques.
 - title PhD in Evolutionary Biology
- Date (from-to) 1994 -2001
- Education organisation University of Trento – Faculty of Physical Mathematical, and Natural Sciences (today:- Physics Department)
Via Sommarive 24 38123 Trento
 - main skills Degree in Physics
 - title Degree in Physics (110/110)
- Date (from-to) 1989 – 1994
- Education organisation "G. Galilei" Scientific Lyceum
Viale Bolognini 88, 381223 Trento
 - main skills Scientific Lyceum
 - title Scientific Studies (54/60)

PERSONAL SKILLS

MOTHER TONGUE Italian

OTHERS

English: B2/C1

German: basic A1