

CURRICULUM VITÆ

Valentina Cauda

Associate Professor,
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Date of Birth: 29 January 1981

Sex: Female

Nationality: Italian

Education

Mar 2008 Ph.D (European Ph.D in Materials Science and Technology) – Supervisors: Prof. E. Garrone, Prof. B. Onida, Department of Applied Science and Technology, Politecnico di Torino, Italy
Oct 2004 M.S. (Chemical Engineering, Summa cum Laude), Politecnico di Torino, Italy

Professional Experience

May 2016- present Associate Professor (02/B1, FIS03), Dept. of Applied Science and Technology, Politecnico di Torino, Italy
Jan 2016- May 2016 Visiting Professor, Dept. of Applied Science and Technology, Politecnico di Torino, Italy
Aug 2010 – Dec 2015 Senior Post-doc, Center for Space Human Robotics, Istituto Italiano di Tecnologia (IIT), Turin, Italy
Jan 2008 – Jul 2010 Post-Doc, Dept. of Chemistry, University of Munich, Germany
Feb 2008 – Jul 2010 Scientific Consultant, Nanoscape AG, Munich, Germany
Apr 2006 – Jul 2010 Scientific Consultant, Cook Medical INC. Bloomington, USA
Nov 2004 Internship, Rüsç France S.A.R.L., Strasbourg, France

Current Research Interests

Valentina Cauda leads a research group of 17 people (including 1 RTD-A researcher, 5 post-docs, 4 PhD and 7 Master students) at DISAT- Politecnico di Torino. Her main research topic is about theranostic nanomaterials, from wet synthesis, chemical functionalization and physical-chemical characterization of metal oxide nanomaterials to drug delivery, tumor cell targeting, bio-imaging. Materials like zinc oxide, mesoporous silica, zeolites, titania and metal (gold, silver) nanostructures are investigated. More info at the web-site: www.polito.it/TNHlab

Scientific Publications Summary (see the full list in the Appendix)

<http://orcid.org/0000-0003-2382-1533>

83 papers in ISI peer-reviewed journals + **7** book chapters + **25** conference proceedings

27 papers as first-author + **26** papers as corresponding author

H-index: **28** (Source: Scopus)

2655 total citations by 2054 documents (16th December 2018, source: Scopus)

30 articles in journals with impact factor (IF) > 5 (Adv. Mater., Nano Lett., JACS, Nano Energy, Chem. Mater, J. Mater. Chem., Chem. Eur. J, Nanoresearch, ACS Appl. Mater. Interf, Sci. Rep.....)

Average citation per article: 32.4

Total Impact Factor: **417.9** (IF from Thomson Reuters 2017)

Patents

"Biomimetic Non-Immunogenic Nanoassembly for the Antitumor Therapy" (Original title: "Nanocostrutto Biomimetico Non Immunogenico per la Terapia Antitumorale") Italian Patent N. 102017000129243 of 13th Nov. 2017, PCT:IB2018/058476 of 30th October 2018. Inventors: V.Cauda, G. Canavese, T. Limongi, N. Garino, M. Laurenti, B. Dumontel, M. Canta, L. Racca, A. Ancona, filed with Research Report.

"Sonosensitizing agent and its method of activation" (Original title: "Agente sonosensibilizzante e suo metodo di attivazione") Italian Patent N. 102018000009966 of 31th Oct. 2018, Inventors: V.Cauda, G. Cicero, G. Canavese, T. Limongi, N. Garino, L. Racca, A. Ancona, B. Dumontel, M. Canta, L. Serpe, R. Canaparo, F. Foglietta, A. Francovich, G. Durando, *waiting for research report*.

"Pharmacological composition to maximize the therapeutic efficacy of proteasome inhibitors" (Original title: "Composizione farmacologica per massimizzare l'efficacia terapeutica degli inibitori del proteasoma" Italian Patent Proposal, Inventors: V.Cauda, T. Limongi, L. Racca, M. Canta, F. Susa, R. Piva, E. Bergaggio, N. Vitale, E. Mereu, *waiting for filing*

Awards and Prizes

- Nov 2018 **Best Poster Award** at the Merck and Elsevier Young Chemists Symposium (MEYCS 2016) for the poster B. Dumontel, M. Canta, F. Susa, L. Racca, A. Ancona, N. Garino, T. Limongi, A. Chiodoni, V. Cauda "Enhanced biostability and biocompatibility of zinc oxide nanocrystals shielded by a phospholipid bilayer".
- Apr 2018 **One among 5 Best Italian Technologies** selected by Netval® and presented at Biovaria 2018, 25-26th April 2018, Munich (Germany) referred to Patent N. 102017000129243 "Biomimetic Non-Immunogenic Nanoassembly for the Antitumor Therapy", <https://www.biovaria.org/technologies/technologies-2018/details/nanoconstruct-for-antitumor-therapy>
- Nov 2017 **USERN Prize 2017 in Biological Science** (USERN: Universal Scientific Education and Research Network), an international award to top young scientist in the world under 40 years old for the novel advancement in the field of biology
- Oct 2016 **Best Poster Award** at the Merck Young Chemists Symposium (MYCS 2016) for the poster L. Racca, B. Dumontel, B. Miccoli, M. Canta, L. Serpe, R. Canaparo, C. Di Benedetto, A. Falqui, V. Cauda, "Investigation of cytotoxic effects of different ZnO nanostructures on living cancer cells"
- Jun 2016 **Top-10 Papers** published in 2015 of the Italian Chemical Society under-35 for the publication: M. Laurenti, G. Canavese, A. Sacco, M. Fontana, K. Bejtka, M. Castellino, F. C. Pirri, V. Cauda "Nanobranching ZnO Structure: p-Type Doping Induces Piezoelectric Voltage Generation and Ferroelectric-Photovoltaic Effect" *ADVANCED MATERIALS*, 2015, vol. 27, pp. 4218–4223
- Oct 2015 **Zonta Prize Area 03 Distretto 30** from Zonta International – Scientific Area: **Chemical Sciences**
- May 2015 **Best Paper Award** at the 38th International Spring Seminar on Electronics Technology (ISSE 2015) for the publication: B. Miccoli, A. Bonanno, V. Cauda, A. Sanginario, D. Demarchi "Interface of a Single ZnO-Nanowire Assembled onto Custom-Fabricated Nanogap Device for UV Sensing Applications", Eger (Hungary), 6-10 May 2015, pp. 431-435, doi: 10.1109/ISSE.2015.7248035.
- Mar 2013 **Prize "Giovedì Scienza" 2013- 2nd Edition- Young researchers under 35**
- Apr 2010 **Publication Award 2010** – Center for NanoScience (CeNS), University of Munich, Germany for the publication: A. Sauer, A. Schlossbauer, N. Ruthardt, V. Cauda, T. Bein, C. Bräuchle *NANO LETTERS*, 2010, vol. 10, issue 9, pp 3684-3691.
- Dec 2010 **Prize "Dr. Klaus Römer Stiftung" Best Post-Doc 2010** - Departments of Chemistry and of Biochemistry, University of Munich, Germany
- 2015 Journal Cover for V. Cauda et al. *J. Appl. Polym. Sci.* 2015, 32, 41667.
- 2012 Journal Cover for A. Schlossbauer, A. M. Sauer, V. Cauda, et al. *Adv. Health. Mater.* 2012, 1, 316.
- 2009 Journal Cover for V. Cauda, et al. *J. Mater. Chem.* 2008, 18, 5888.

Habilitations

- April 2017 02/B1 Fisica Sperimentale della Materia – I Fascia (Full Professor)
- May 2013 03/B2 Fondamenti Chimici delle Tecnologie – II Fascia (Associate Professor)
- May 2013 02/B1 Fisica Sperimentale della Materia – II Fascia (Associate Professor)
- May 2013 02/B3 Fisica Applicata - II Fascia (Associate Professor)
- Nov 2004 National Habilitation for the Engineer Profession

Research Grants

- 2017 **Proof-of-Concept Grant** n.16417 from Politecnico di Torino + **Seed Funding** from the Company Moschini Spa, Budget: 75'000 Euro, **Role: Principal Investigator**, Duration: 6 months, Feb 2018 – Aug 2018

- 2017 **COST ACTION "ENIUS"** (European Network of multidisciplinary research to improve the Urinary Stents), CA16217, Budget: 131'000 Euro Role: MC (Management Committee) Member, duration 48 months, July 2017 – June 2019
- 2016 **"Progetto Starting Grant"** – Compagnia di San Paolo Budget: 100'000 Euro, **Role: Principal Investigator**, Duration: 48 months, Jul 2016 – June 2018
- 2015 **ERC Starting Grant call 2015**, Project title: "TROJANANOHORSE - Hybrid immune-eluding nanocrystals as smart and active theranostic weapons against cancer", Project N. 678151, Budget: 1'489'219 Euro, **Role: Principal Investigator**, Duration: 60 months, Mar 2016 – Feb 2021
- 2015 Industrial research project "Encrustation level study on the surfaces of ureteral stents in a Dynamic In-vitro Model (DIM)", Budget: 26'355 Euro, **Role: Principal Investigator** at CSHR@Polito (IIT), Industrial partner: Rocamed, Duration: 11 months, Mar 2015 – Feb 2016
- 2012 **EU Project FP7-NMP-2011-CSA-5 "Piezo Institute"** N° 290591, Budget: 443'299 euro, **Role: IIT unit coordinator** (Unit budget: 11'093 euro), Duration: 36 months, Mar 2012 - Feb 2015
- 2009 **COST Action "COINAPO"** (COMposite of Inorganic NANotubes and POLymers) No MP 0902 Role: MC Substitute, Duration: 48 months, Nov 2009 - Feb 2013
- 2009 Industrial research project "Endosoft Radiance versus Endosoft: Surface characterization of 72 stents", Budget: 15'000 Euro, **Role: Principal Investigator** at University of Munich, Industrial partner: Cook Medical INC, Duration: 5 months, Aug – Dec 2009
- 2009 Grant "LMU Mentoring Program" supporting women in science, **Role: Mentee**, Budget: 11'500 euro, Duration: 10 months, Sep 2009 – Jul 2010
- 2009 Grant from CeNS (Center for NanoScience, University of Munich) "Colloidal Mesoporous Silica Nanoparticles for drug release and cancer cell targeting", Budget: 7'800 euro, **Role: Principal Investigator**, Duration: 12 months, Nov 2009-Nov-2010
- 2008 Grant from CeNS (Center for NanoScience, University of Munich) "Evaluating the Nano-Risk: Colloidal Mesoporous Silica degradation inside living cells", Budget: 5'300 euro, **Role: Principal Investigator**, Duration: 12 months, Dec 2008-Dec 2009.

Visiting periods

- Jan 2006 – Apr 2006 Visiting Ph.D student, Dept. Inorganic Chemistry and Biochemistry, Universidad Complutense, Madrid, Spain - Prof. M. Vallet-Regí
- Nov 2006 – Dec 2007 Visiting Ph.D student, Dept. of Chemistry, University of Munich, Germany – Prof. T. Bein

Teaching activities

- 2016/2017 (60h), 2015/2016 (60h) Full course: "Introduction to Nanotechnologies" Dept. Electronic Engineering, Politecnico di Torino, Italy
- 2016/2017 (20h) "Micro and nanotechnologies applied to biomedicine, environment and energy" hold in English.
- 2015/2016 (4h), 2016/2017 (4h) "Chimica-fisica dei materiali per le nanotecnologie" PhD course:hold in English
- 2012/2013 (12h), 2013/2014 (10h) Lab practice for "Introduction to Nanotechnologies" Dept. Electronic Engineering, Politecnico di Torino, Italy
- 2008/2009 (50h), 2009/2010 (50h) "Inorganic Chemistry Lab Practice for Biologists" Dept. of Chemistry, University of Munich, Germany - Course hold in German language
- 2007/2008 (126h), 2008/2009 (126h) "Advanced lab course in Physical Chemistry – Infrared Spectroscopy" Dept. of Chemistry, University of Munich, Germany - Course hold in German language
- 2005/2006 (14h), 2006/2007 (20h) "Lab course of Chemistry" Dept. Mechanical Engineering Meccanica, Politecnico di Torino, Italy

Supervision of Master and PhD students

- 2016-present 4 PhDs (Luisa Racca, Marta Canta, Andrea Ancona, Bianca Dumontel) and 12 Master students at Politecnico di Torino
- 2011-2015 4 PhDs (Carminna Ottone, Marco Laurenti, Marco Morello, Beatrice Miccoli) and 7 Master students at Istituto Italiano di Tecnologia, Turin – Research group of Prof. F. Pirri

2009-2014 1 PhD student (Christian Argyo) and 5 Master students Physical-Chemistry, University of Munich, Germany – Research group of Prof. T. Bein

Referee /Editor activities

2018 Lead Guest Editor for the Special Issue "ZnO Nanostructures for Tissue Regeneration, Drug-Delivery and Theranostics Applications" for the journal Nanomaterials (I.F 2017: 3.553), MDPI

Jan 2017 Member of the Advisory Board for the International Conference PIEZO 2017, Cercedilla (Madrid), Spain, 19th-22th February, 2017.

2017-present External Reviewer of 4 PhD thesis

May 2016 Member of the evaluation committee for the prize "Giovedì Scienza" 4th Edition
<http://www.youblisher.com/p/1462056-Report-Premio-GiovedisScienza-5a-Edizione/>

2011-present More than 30 papers reviewed for American Chemical Society (J. Am. Chem. Soc., ACS Appl. Mater. Interf.), Royal Society of Chemistry -RSC (New J. Chem., RSC Adv.), Wiley (Adv. Electronic Mater., Phys. Status Solidi B), Elsevier (Appl. Surf. Sci., Polymer), Springer (J. Porous Mater.), Electrochemical Society (J. Electrochem. Soc.)

2014-2015 Lead Guest Editor for the Special Issue "Metal Oxide Nanostructures as Active and Smart Materials for Device Applications" Journal of Nanomaterial (IF 2015: 1.758), Hindawi

Project Evaluator Activity

2016-present FET OPEN (Horizon 2020), European Commission

2018 K-Project COMET of Austrian Research Promotion Agency (FFG), Austria

2017 Agence Nationale de la Recherche (ANR), France

2017 National Science Center, Poland

2017 Estonian Research Council, Department of Research Programmes, Estonia

2015 COST research proposal (European Co-operation in the Field of Science and Technology)

2014 National Center of Science and Technology Evaluation, Republic of Kazakhstan

Invited Talks

23-25th Oct 2018 Keynote Speaker at NanoMed 2018- Setcor, Venice (Italy) "Smart Hybrid nanocrystals as Trojan horses for effective theranostic applications" <https://www.setcor.org/conferences/NanoMed-2018>

12th Sept 2018 XXVI AilG PhD Summer School – 2018 "Defining the impact of research: scope, methods and Practices", Campus Lingotto, Turin (Italy) <http://www.scuolaestivaailg.it/2018/>

7th June 2018 "Y-Rich" event organized by Italian Chemical Society in University La Sapienza Rome (Italy) https://www.soc.chim.it/sites/default/files/locandina_Y-RICH%202018.pdf

8th May 2018 "Innovation in Italy" event organized by Johnson&Johnson at Janssen, Cologno Monzese (Milan) https://www.youtube.com/watch?reload=9&v=n0_zDnOL9HQ&feature=youtu.be&a=

2nd Mar 2018 International Workshop "Smart tools for caring: nanotechnology meets medical challenges" organized by Politecnico di Torino and Compagnia di Sanpaolo, Pontedera (Pisa, Italy) [http://www.politocomunica.polito.it/events/appuntamenti/\(idnews\)/10400](http://www.politocomunica.polito.it/events/appuntamenti/(idnews)/10400)

22nd Feb 2018 IACR Meeting 2018, Dublin (Ireland) of the Irish Association for Cancer Research <http://www.iacr.ie/wp-content/uploads/2018/01/IACR-Programme-Initial-Programme-1.pdf>

8th-10th Nov 2017 USERN International Congress 2017, Kharkiv Ukraine, two invited lectures <http://usern.tums.ac.ir/SiteContent/Show/Congress2017>

23th Oct 2017 Thermofischer event at Politecnico di Torino "The future of Health through a Technology Lens" [http://www.politocomunica.polito.it/en/events/all_events/\(cal_mese\)/00-09-2017/\(idnews\)/9845](http://www.politocomunica.polito.it/en/events/all_events/(cal_mese)/00-09-2017/(idnews)/9845)

19th Oct 2017 Festival dell'Innovazione e della Scienza, Settimo Torinese (Turin, Italy) – Scientific divulgation event <http://www.festivaldellinnovazione.settimo-torinese.it/events/event/luce-reazioni-chimiche-e-nanoparticelle-per-la-diagnosi-e-la-cura-dei-tumori/>

26th April 2017 University of Padua, Palazzo Bo', "The ERC and the societal impact of frontier research" <http://www.unipd.it/ilbo/european-research-council-and-impact-frontier-research>

- 16th Mar 2017 ERC-Chem Day, Accademia dei Lincei, Rome for the 10th Anniversary of the European Research Council www.erc-chemday.it
- 03rd Feb 2017 Zonta Club of Aosta Valley, Regione Autonoma Valle d'Aosta, Aosta, Presentation of the research project "TrojaNanoHorse – Nanoparticelle Intelligenti per ingannare e colpire le cellule tumorali"
- 22-23 Sept 2016 Center for Nanoscience (CeNS) Workshop 2016 "Nanoscale Matter – Novel Concepts and Functions" Venice, Italy <https://www.cens.de/calendar/workshops-events/venice-2016/#c5600>
- 12th Sept 2016 Internal Seminar to the research group of Prof. Francesco Ricci, University Rome Tor Vergata
- 15th May 2015 Salone Internazionale del Libro 2016, Turin
<http://www.salonelibro.it/it/component/content/article/286-programma/2016/15054-scienza-e-tecnologia-il-futuro-e-gia-qui-11404.html>
- 25-26 Sept 2014 Piezoelectric micro and nano structures and their applications, INSA-CVL Engineering School, Blois, France <http://www.lestudium-ias.com/event/piezoelectric-micro-and-nano-structures-and-their-applications>
- 10th May 2014 Salone Internazionale del Libro 2014, Turin <http://www.codicedizioni.it/i-nostri-appuntamenti-al-salone-del-libro-sabato-10-maggio/>
- 20th Feb 2014 Giovedì Scienza -28th Edition- Teatro Colosseo, Turin, Italy
English version:<http://www.giovediscienza.it/modules/conferenze/article.php?storyid=117>

Oral presentations to international conferences

1. "The shielding effect of phospholipidic bilayers on zinc oxide nanocrystals for biomedical applications", V. Cauda, B. Dumontel, M. Canta, N. Garino, T. Limongi, G. Canavese, *Merck Young Chemists Symposium (MYCS)*, Milano Marittima, Italy, 13-15th Nov. 2017.
2. "Inorganic piezoelectric nanowires for sensing and energy harvesting", V. Cauda, G. Canavese, S. Stassi, C. Ottone, *Sigma-Aldrich Young Chemist Symposium (SAYCS)*, Riccione, Italy, 27-29th October 2014
3. "Organic and inorganic piezoelectric nanowires for sensing and energy harvesting", V. Cauda - Invited speaker at *Piezoelectric Micro and Nano Structures and their Applications – Le Studium Conferences*, Blois, France, 25th-26th September 2014.
4. "Piezoelectric evaluation of ultra-thin nano-confined polymeric nanowires", V. Cauda, G. Canavese, S. Stassi, B. Torre *PIEZO 2013 – Electroceramics for End-Users VII*, Les Arcs, France 17th-20th March 2013.
5. "Ultralong ZnO nanowire arrays using a template assisted approach for piezoelectric" C. Ottone, V. Farias, M. Fontana, A. Chiodoni, S. Stassi, G. Canavese, V. Cauda *PIEZO 2013 – Electroceramics for End-Users VII*, Les Arcs, France 17th-20th March 2013.
6. "Confined polymeric nanowires into porous alumina matrix as composite piezoelectric membrane for sensing applications", V. Cauda, S. Stassi, G. Canavese, I. Aulika, *15th European Conference on Composite Materials*, Venice, Italy, 24-28th June 2012.
7. "Effect of nanoscale confinement on ferroelectric properties: Research activity at the Center for Space Human Robotics" V. Cauda, G. Canavese, S. Stassi, M. Lombardi, R. Gazia, I. Aulika, M. Quaglio, C. F. Pirri, *2nd International Workshop on Piezoelectric MEMS 2011*, Lausanne, Switzerland, 6th-7th September 2011.
8. "Polymeric piezo-nanowires: hard-templating into anodic alumina membranes" V. Cauda, M. Pizzi, D. Daprà, D. Demarchi, P. Civera, *PIEZO conference 2011*, Sestriere (Turin) Italy, 28th February-2nd March 2011.
9. "Distributed array of polymeric piezo-nanowires through hard-templating method" V. Cauda, M. Pizzi, D. Daprà, D. Demarchi, P. Civera, *3rd COINAPO Topical Meeting*, Sestriere (Turin) Italy, 2nd-3rd March 2011.
10. "Biostability and multiple core-shell functionalization of colloidal mesoporous silica nanoparticles" V. Cauda, T. Bein, *3rd International Symposium "Advanced Micro- and Mesoporous Materials"*, Albena (Varna), Bulgaria, 6th -9th September 2009;
11. "Large antibiotic molecule diffusion in confined mesoporous silica with controlled morphology" V. Cauda, B. Platschek, L. Mühlstein, T. Bein, *20. Deutsche Zeolith-Tagung*, Halle, Germany, 4th -6th March 2008;
12. "Ordered mesoporous silica inside bioactive scaffolds for local drug release" V. Cauda, R. Mortera, S. Fiorilli, B. Onida, F. Baino, E. Vernè, C. Vitale Brovarone, G. Croce, D. Viterbo, E. Garrone, *2nd International Symposium "Advanced Micro- and Mesoporous Materials"*, Varna, Bulgaria, 5th -9th September 2007.
13. "Incorporation of ordered mesoporous silica inside bioactive scaffolds for drug delivery" al convegno 1° Forum Nazionale dei Giovani Ricercatori su Materiali Polimerici e Biomateriali, Modena, 18-20th September 2006.

Conference & Seminars Organization

- 02nd Nov 2017 Organizer of the Internal Seminar "DNA-based nanodevices for diagnostic and drug-delivery applications" of Prof. Francesco Ricci, ERC-Grantee (Università di Roma Tor Vergata). 30 participants (professors, researchers, PhDs and master students).
- 30th Mar 2017 Organizer of the Internal Seminar "Atomic force microscopy as a tool for nanoscience, top-down fabrication and nanomechanical characterization" of Dr. Matteo Lorenzoni (Barcelona Microelectronic Institute). 18 participants (professors, researchers, PhDs and master students).
- 16th Feb 2017 Organizer of the Internal Seminar "Manipulation of cell behavior with light and nanoparticles" of Dr. Hanna Engelke (Univ. of Munich) 26 participants (researchers, PhDs and master students).
- 11th Nov 2016 Organizer of the Internal Seminar "Immobilization strategies of oxidoreductase enzymes" of Dr. Carminna Ottone (P. Universidad Católica de Valparaíso, Chile) at the Dept. of Applied Science and Technology (DISAT), Politecnico di Torino Turin, Italy. 15 participants (researchers, PhD and master students).
- 5th July 2016 Organizer of the Internal Seminar "Nanomaterials for simultaneous detection/imaging and delivery of therapeutic agents" of Dr. Tania Limongi (King Abdullah University of Saudi Arabia, KAUST) at the Dept. of Applied Science and Technology (DISAT), Politecnico di Torino Turin, Italy. 25 participants (professors, researchers, PhD and master students).
- 14th Nov 2014 Organizer of the Internal Seminar "Introduction to data analysis with Origin Software" by Adalta s.r.l. at Center for Space Human Robotics, IIT, Turin, Italy. 41 participants (researchers, PhD and master students). <http://shr.iit.it/news.html?start=5>
- 1st Mar 2013 Organizer of the Internal Seminar "Mesoporous Nanostructures for Energy Conversion and Storage" Prof. Thomas Bein (Univ. Munich) at Center for Space Human Robotics, IIT, Turin, Italy. 50 participants (researchers, PhD and master students). <http://shr.iit.it/news.html?start=20>
- March 2011 Member of the local organizing committee - 3rd COINAPO Topical Meeting, Composites of Inorganic Nanotubes & Polymers, March 2nd-3rd, 2011 Sestriere, Italy. Participants: 40 researchers, including 7 invited speakers. http://www.coinapo.eu/cost/fileadmin/user_upload/documents/extern/meetings/The_3d_COINAPO_Topical_Meeting_2011_Sestriere.pdf
- March 2010 Member of the local organizing committee – 22th Deutsche Zeolith-Tagung, March 3rd-5th, 2010, University of Munich, Germany. 160 participants, 5 invited speakers. <http://events.dechema.de/dzt22.html>

Language knowledge

Italian mother tongue

English, French, Spanish and German: very fluent in speaking, good writing

Memberships of scientific societies

2017- present Honorary Member of USERN: Universal Scientific Education and Research Network

2017-present Supporter of FET-Flagships NANO4P-Precision Nanomedicine for People <http://www.nano4p.eu/>

2014 –present Member, Società Chimica Italiana (Italian Chemical Society)

2011- present Member, Piezo Institute (European network bridging piezoelectric materials and facilities)

Personal skills and competences

Very good ability of team and individual working

Very good organization skills for team and individual working

Very good communication skills, also in multicultural environment

Good teaching skills

Good skills in project coordination, goal planning, problem solving

High personal and professional motivation, willpower, sense of duty and responsibility

Career breaks

4th Nov 2013 – 4th May 2014



I authorize the personal data treatment.

Yours sincerely,

Valentina Alice Cauda

