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Date of birth: 20.06.1971
Place of birth: Padova, Italy
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Current Positions: **Full Professor of Inorganic Chemistry**, Department of Chemical Science, University of Padova (since October 2017).

Project Technical Advisor (PTA) of the European Cluster on Catalysis for the European Commission (since 2014)

DFG Mercator Fellow at Justus Liebig Universität Gießen (Apr 2016-Apr 2020)

Previous Positions: **Senior Research Scientist (Primo Ricercatore)** of the Italian National Research Council (CNR), Italy at ICMATE-CNR, Padova (2010-2017)

Lecturer of Inorganic Chemistry and Colloid Chemistry at the University of Padova (since 2004)

Research Scientist (Ricercatore) of the National Research Council (CNR), Italy at ISTM-CNR (2001–2010)

FWF Lise Meitner Post-doc fellow, TU Wien, Vienna, (Jan 2001-Aug 2002)

Education and scientific background, academic records

2013 **Italian Scientific Habilitation** (for full professorship) in Inorganic Chemistry
2013 **Italian Scientific Habilitation** (for full professorship) in Technical Chemistry
Jan1998 - Dec 2000 University of Padua, Italy, **Ph.D. in Inorganic Chemistry** (Scienze Chimiche)
1997 University of Padua, Italy, **Professional Habilitation in Chemistry**
1996 **Degree "summa cum laude"** in Chemistry (Laurea Quinquennale in Chimica, 110/110 e lode) University of Padova, Italy

Visiting professorships and staying abroad

2019 **Visiting Professor** Justus-Liebig Universität Giessen (Germany, 2 months)
2018 **Visiting Professor** Justus-Liebig Universität Giessen (Germany, 2 months)
2017 **Visiting Professor** Justus-Liebig Universität Giessen (Germany, 2 months)
2016 **Visiting Professor** Justus-Liebig Universität Giessen (Germany, 2 months)
2015 **Visiting Professor** Justus-Liebig Universität Giessen (Germany, 2 months)
2014 **Visiting Professor** Paris Lodron Universität Salzburg (Austria)
2014 **Visiting Professor** Justus-Liebig Universität Giessen (Germany, 2 months)
2013 **Visiting Professor** Justus-Liebig Universität Giessen (Germany, 2 months)

Curriculum Vitae Prof. Dr. Silvia Gross

2020

2013	Visiting Professor Paris Lodron Universität Salzburg (Austria)
2008	Visiting scientist University of Versailles (France, 2 months)
2007	Visiting scientist University of Versailles (France, 2 months)
2005	Visiting scientist University of Stuttgart (Germany, 1 month)
2004	Visiting scientist University of Stuttgart (Germany, 1 month)
2001-2002	Lise Meitner Post-Doc Fellowship (FWF Austria), Institut für Materialchemie, Technische Universität Wien, Vienna, Austria (18 months)
1999	Research fellowship, Institut für Anorganische Chemie, Technische Universität Wien, Vienna, Austria (3 months)
1995	Erasmus Fellowship, Georg-August Universität Göttingen, Germany (3 months)

Former and present academic appointments

2019-present	Member of the "Ulisse" Exchange Scheme Evaluation Board of the University of Padova
2019-present	Member of the Arqus2L Board of the University of Padova
2019-present	Member of the "Internationalisation" Board of the School of Sciences of the University of Padova
2018-present	Member of the Technical Committee of the "Department of Excellence" projects NEXUS at the Department of Chemical Sciences, University of Padova
2018-present	Member of the "Third Mission" Board of the Department of Chemical Sciences and coordinator of the sub-group "Relationships with companies"
2017-present	Member of the Managing Board (Consiglio Direttivo) of the PhD Course in Molecular Science, University of Padova
2016-2020	DFG Mercator Fellow in the Graduiertenkolleg "Substitutionsmaterialien für nachhaltige Energietechnologien" of the Justus-Liebig Universität Giessen.
2014-present	Member of "Commissione Erasmus" of the Department of Chemical Sciences, University of Padova
2014-present	Italian Delegate in ESUO Board (terms 2014-2016, 2017-2020)
2014-present	Member of the Board of SILS, Società Italiana di Luce di Sincrotrone (terms 2014-2016, 2017-2020)
2013-present	Member of "Collegio docenti" of PhD Course in Molecular Science, University of Padova
2013-2017	Co-supervisor of two PhD students of the Max Planck Institut für Polymerforschung, Mainz (Germany) (supervisor Prof. Dr. K. Landfester)
2004-present	Group leader of a small group (April 2020: 3 PhD students, 8 Master students, 2 post-docs, 3 fellows) and coordinator of the "Wet chemistry & colloids" inorganic synthesis lab at the Department of Chemical Sciences, University of Padova
2002-present	Supervisor of 10 PhD students, ~60 Master students (Chemistry, Technical Chemistry, Pharmacy, Materials Sciences), ~15 Bachelor students, 14 German and 2 French guest students at the University of Padova, Italy
2004- 2017	Lecturer at the University of Padova (General Chemistry and Inorganic Chemistry (2010/11-2011/12), Advanced Inorganic Chemistry (since 2012/2013) Chemistry of Nanosystems (2004/05-2007/08), Environmental Toxicology (2014/15-2018/2019), Colloid Chemistry (course for PhD students 2014/15), Organic-Inorganic Hybrid Materials (course for PhD students 2007/08-2014/15), Communication of Chemistry (2007/08-2015/16), Colloids Chemistry (since 2015/2016)
2004- present	PhD courses on "Organic-Inorganic Hybrid Materials" (Universities of Nova Gorica (2004-2009), Trento (2008), Versailles (2007)) and on "XPS and XAS

2004- 2007	Spectroscopies" (University of Gießen (2013, 2014), Salzburg (2013, 2014), "Colloidal and wet chemistry routes for inorganic materials" (Gießen (2015, 2016)
2003-present	Lecturer of Chemistry at the Catholic University of Brescia, Italy Coordinator of 20 Erasmus Exchange Programs with EU Universities (D, AT, SI, NL, F, ES, HU)

Evaluation activities, scientific coordination, editorial activities and further appointments

2020	Convener of session Theme B at EuChems 2020 conference
2019	Guest Editor of a Special Issue on "Low-temperature solution approaches to oxide functional nanoscale materials" in Chemistry- A European Journal
2019	PI of Levi-Cases project on "AMONRA- All oxide solar cells" at Interdepartmental Center "Levi-Cases", University of Padova
2018	PI of a P-DISC project on "Space matters- Crystallisation in confined space" at Department of Chemical Science, University of Padova
2018-present	Member of the expert evaluators panels for FET-RIA Projects of the European Commission (Horizon 2020)
2016-present	Member of the expert evaluators panels for MSCA-IF Projects of the European Commission (Horizon 2020)
2014-present	Project Technical Advisor (PTA) for the European Commission of the European Cluster on Catalysis
2018-present	Member of the Editorial Board of "Journal of Physics D-Condensed Matter" (IOP, UK)
2014-present	Member of the Editorial Board of "Materials" and of "Coatings" (MDPI, Switzerland)
2014	Convener of session F4 at EuChems 2014 conference
2013	Guest Editor of a Special Issue on "Advances in Functional Hybrid Materials" in Materials
2008-present	Member of the expert evaluators panels for NMP Projects of the European Commission (FP7, Horizon 2020)
2008-present	Project Technical Advisor (PTA) or Monitor for the European Commission for about 20 projects of the VII Framework Programme.
2007- present	Member of the organizing or Scientific Committee of 8 national conferences and 6 International conferences
2007- present	Organization of events for popularization of chemistry for children (3-18 yrs)
2007- present	Member of the Organizing Committee of "Non è magia è chimica", Uni Padova
2007-present	Member of PhD Examination boards or evaluator of PhD Theses at Max-Planck Institut für Kolloid- und Grenzflächenforschung (Golm, DE), University of Gießen (DE), University Milano Bicocca (IT), University of Potsdam (Germany), University of Marseille (France), University of Nova Gorica (Slovenia), University of Valencia (Spain).
2007- present	Evaluator of proposals for the COST, Swiss National Science Foundation (SNF), Austrian Science Foundation (FWF), Slovenian Research Agency (ARRS), Polish Research Agency, Czech Science Foundation, Research Grant Council (RGC) of Hong Kong, Ministero dell'Istruzione (MIUR), Flander Research Foundation (FWO).
2002-present	PI of several R&D projects with different national and multinational companies
2002-present	PI of scientific and bilateral projects (with UK, Germany, Slovenia)
2004-present	P.I. and coordinator of about 40 projects (XAS, XPS, SAXS) at European Synchrotron facilities (DESY, ANKA, ESRF, Soleil, Elettra, PSI, Diamond)

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2001-present

Referee for several scientific journals (Angew. Chemie, Inorg. Chem., Adv. Funct. Mater, Adv. Mater, Adv. Mater. Interf., Nanoscale, Chem. Mater., J. Mater. Chem, Chem. Comm., PCCP, Nanoletters, Dalton Trans., J. Phys. Chem. etc.)

Memberships and affiliations

Member of the Gesellschaft Deutscher Chemiker (German Chem. Soc. (GdCh)
Member of the German Kolloid-Gesellschaft EV
Member of the DeChema
Member of the Società Chimica Italiana (Italian Chemical Society (SCI), Divisione Chimica Inorganica
Italian Delegate in the European Synchrotron User Organization (www.esuo.org)
Member of the Società Italiana di Luce di Sincrotrone (SILS)
Member of Consorzio Interuniversitario Scienza e Tecnologia dei Materiali (INSTM)

Language skills

Italian	mother tongue
German	proficient, written and spoken
English	good, written and spoken

Invited talks at International Institutions and university

18.02.2020	Department of Chemistry, University of Ljubljana (Slovenia)
23.04.2019	Department of Chemistry, University of Warwick (UK)
28.07.2017	Institut für Technische Chemie und Polymerchemie (ITCP), Karlsruher Institut für Technologie (KIT); Karlsruhe (Germany)
03.08.2016	Institut für Anorganische Chemie, Justus-Liebig-Universität Giessen (Germany)
29.07.2014	Institut für Anorganische Chemie, Justus-Liebig-Universität Giessen (Germany)
18.12.2013	FB 08, Paris-Lodron Universität Salzburg, Austria
22.08.2013	Physikalisch-Chemisches Institut, Justus-Liebig-Universität Giessen (Germany)
19.08.2013	Institut für Organische Chemie, Universität Hamburg, Hamburg, (Germany)
25.07.2013	Max-Planck Institut für Polymerforschung, Mainz, (Germany)
20.06.2013	Dipartimento di Dipartimento di Chimica, Università di Pisa (Italy)
28.06.2012	Dipartimento di Scienza dei Materiali, Università di Milano Bicocca, Milano (Italy)
15.05.2012	Institut für Anorganische Chemie, Universität Saarbrücken (Germany)
18.12.2010	Physikalisch-Chemisches Institut, Justus-Liebig-Universität Giessen (Germany)
17.04.2009	Institut für Anorganische Chemie, Universität Bochum, Bochum, (Germany)
19.12.2008	Institut für Anorganische Chemie, Universität Paderborn, Paderborn, (Germany)
17.11.2008	Institut für Anorganische Chemie, Georg-August-Universität Göttingen, (Germany)
14.11.2008	Exzellenzcluster Engineering of Advanced Materials (EAM), Erlangen (Germany)
15.07.2008	Institut Lavoisier, Université Saint-Quentin Versailles, Versailles (France)
04.04.2008	Institut für Anorganische Chemie, Technische Universität Berlin, Berlin (Germany)
07.01.2008	Institut für Anorganische Chemie, Universität Erlangen-Nürnberg (Germany)
26.11.2007	Institut für Anorganische Chemie, Technische Universität Clausthal (Germany)
18.06.2007	Institut Lavoisier, Université Saint-Quentin Versailles, Versailles (France)
21.05.2007	Institut für Anorganische Chemie, Julius-Maximilian, Universität Würzburg (Germany)
19.04.2007	Institut für Anorganische Chemie, Johann W. Goethe Universität, Frankfurt am Main (Germany)
02.02.2007	Università degli Studi di Trento, Trento (Italy)
12.10.2006	University of Nova Gorica, Nova Gorica (Slovenia)
07.01.2005	ETH-Eidgenössische Technische Hochschule, Zurich (Switzerland)

17.11.2004	Institut für Materialchemie-Technische Universität Wien, Vienna (Austria)
11.08.2004	Max Planck Institut für Kolloid- und Grenzflächenforschung, Golm, Berlin (Germany)
04.08.2004	EMPA-Eidgenössische Materialprüfungs- und Forschungsanstalt, Dübendorf (Switzerland)
15.07.2004	Fraunhofer Institut Grenzflächen-und Bioverfahrenstechnik, IGB, Stuttgart (Germany)
20.01.2004	Institut für Anorganische Chemie, Universität Tübingen, Tübingen (Germany)
01.10.2003	National Institute of Chemistry, Ljubljana (Slovenia)
24.06.2003	Institut für Physikalische Chemie-Universität Stuttgart, Stuttgart (Germany)
5.04.2002	Biomedical Engineering Center- Ohio State University, Columbus (Ohio, USA)
6.03.2002	Institut für Materialchemie-Technische Universität Wien, Vienna (Austria)
22.06.2001	Institut für Physikalische Chemie- Technische Universität Clausthal (Germany)
7.05.2001	Institut für Anorganische Chemie-Technische Universität Wien, Vienna (Austria)

Invited talks at International and National conferences and workshops and in companies

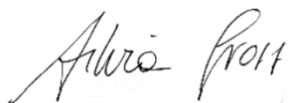
25.09.2019	<i>Key-note invited lecture</i> at Innovation Cataysis Forum, Frankfurt (Germany)
02.09.2019	<i>Key-note invited lecture</i> at European Conference on Solid State Chemistry, ECSSC 17, Lille (France)
15.11.2018	<i>Invited lecture</i> at Saint-Gobain, Marseille (France)
15.08.2018	<i>Invited lecture</i> at Umicore AK KG, Hanau (Germany)
27.06.2018	<i>Invited lecture</i> at GrK 2204 Workshop, Castle of Rauischholzhausen (Germany)
18.06.2018	<i>Key-note invited lecture</i> at EMRS 2018, Strasbourg (France)
10.09.2015	<i>Key-note invited lecture</i> at Congresso Nazionale di Chimica Inorganica, Camerino, (Italy)
30.7.2015	<i>Invited lecture</i> at the Conference CeO ₂ -based materials in catalysis and electrochemistry, Castle of Rauischholzhausen (Germany)
10.05.2015	<i>Invited lecture</i> Symposium A CO ₂ conversion, EMRS 2015, Lille (France)
17.04.2015	<i>Invited lecture</i> at Workshop Raman, Salzburg (Austria)
17.06.2014	<i>Invited lecture</i> at Workshop SOLMAT Vipava (Slovenia)
25.05.2014	<i>Invited lecture</i> Symposium I: Solution processing and properties of oxide thin films and nanostructures, EMRS 2014, Strasbourg (France)
15.05.2012	<i>Invited lecture</i> Symposium Q Hybrid Materials, EMRS 2012, Strasburgo (France)
14.05.2008	<i>Invited lecture</i> at CERC3, TU Wien, Vienna (Austria)
18.01.2007	<i>Invited lecture</i> at Nanoweek 2006, Verona (Italia)
26.09.2006	<i>Invited lecture</i> on Nanotechnology at International internazionale Le cerebrolesioni, Cassino (Italia)
27.05.2006	<i>Invited lecture</i> at Conference Finmeccanica, Politecnico di Milano, Milano (Italia)
29.09.2005	<i>Invited lecture</i> on Nanotechnology at International Conference La malattia di Parkinson, Sirmione, Brescia (Italia)
12.04.2005	<i>Invited lecture</i> at 14th International Symposium Spectroscopy, Nova Gorica (Slovenia)
22.10.2004	<i>Invited lecture</i> at Conference SloNano 2004, Ljubljana (Slovenia)
23.09. 2000	<i>Invited lecture</i> at 10th Int. Symposium on Fine Chemistry and Functional Polymers, Jinan (Cina)

Bibliographic records, invited lectures and talks

155	papers in international peer-reviewed ISI journals (10 reviews, highlight or feature articles)
31	h-index (source: Scopus, March 2020)
38	invited lectures at foreign Universities and Institutions
21	invited lectures and key notes at international and national conferences and symposia
~40	oral contributions at international and national conferences and symposia
1	book in preparation edited by Cambridge University Press and Materials Research Society
5	chapters in book
6	papers in reviewed non ISI technical database (Surface Science Spectra)
17	papers in conference proceedings (4 peer reviewed)

Padova, April, 4th 2020

Prof. Silvia Gross

A handwritten signature in black ink, appearing to read 'Silvia Gross', written in a cursive style.