

CURRICULUM VITAE – Paolo Samorì

Professional Address

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Birth: 03.05.1971 – Imola (Italy)

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Education:

11/1995 University of Bologna. “*Laurea*” in Industrial Chemistry (equivalent to a MSc).
01/1996 HCM-Research fellow at Univ. Mons (Belgium) with Prof. J.-L. Brédas.
10/2000 Humboldt University Berlin. Ph.D in Chemistry (*summa cum laude*; Advisor: Prof. Dr. J.P. Rabe)

Positions

03/2026 – now **Director** of ISIS - Université de Strasbourg & CNRS (UMR 7006)
09/2025 – 02/2026 **Director ad Interim** of ISIS - Université de Strasbourg & CNRS (UMR 7006)
01/2024 – 08/2025 **Deputy director** of ISIS - Université de Strasbourg & CNRS (UMR 7006)
09/2015 – now **Distinguished Professor Class 2 (PRCE-2)**, Senior member of ISIS and Director of the Nanochemistry Laboratory, Université de Strasbourg & CNRS (UMR 7006)
01/2012 – 12/2023 **Director** of ISIS - Université de Strasbourg & CNRS (UMR 7006)
09/2012 – 08/2015 **Distinguished Professor Class 1 (PRCE-1)**, Senior member of ISIS and Director of the Nanochemistry Laboratory, Université de Strasbourg & CNRS (UMR 7006)
09/2010 – 12/2011 **Deputy director** of ISIS - Université de Strasbourg & CNRS (UMR 7006)
10/2008 – 09/2012 **Full Professor (PRI)**, Senior member of ISIS and Director of the Nanochemistry Laboratory Université de Strasbourg & CNRS (UMR 7006)
04/2003 – 09/2008 **Visiting Professor**, Junior member of ISIS, Director of the Nanochemistry Laboratory Université de Strasbourg & CNRS (UMR 7006)
12/2001 – 09/2008 **Researcher (permanent scientist)** Istituto per la Sintesi Organica e la Fotoreattività – Consiglio Nazionale delle Ricerche – Bologna (Italy)
01/2000 – 12/2001 **Post-doc** Humboldt University Berlin (Germany) with Prof. J.P. Rabe.

Other professional appointments

09/2023 – now Director, Institut thématiques interdisciplinaires (ITI) - Chimie des systèmes complexes (SysChem) – Strasbourg
03/2023 – now Deputy Director, Foundation Jean-Marie Lehn – Strasbourg
01/2020 – now Unesco Chair holder - Science et Ingénierie des Matériaux : Energie, Environnement, Santé, Strasbourg
01/2021 – now Officer, Materials Science Division, European Academy of Sciences
01/2019 – 6/2023 Scientific Advisory Board Member of the German Cluster of Excellence “Living, Adaptive and Energy-autonomous Materials Systems (*livMatS*)”, University of Freiburg, Germany
01/2017 – now Member of the Steering Committee of the Foundation J.-M. Lehn, UNISTRA, France
01/2017 – 08/2023 Deputy Director of the LabEx “Chemistry of Complex Systems”, UNISTRA, France
2017 Honorary Member, University of Nova Gorica, Slovenia
01/2011 – 12/2020 Member of the Steering Committee of the LabEx “Chemistry of Complex Systems”, UNISTRA, FR
01/2011 – now Member of the Advisory Board of the Joint Research Network on Advanced Materials and Systems “JONAS” (BASF, UNISTRA, University of Freiburg, ETH Zurich)

Membership to Learned Societies

2025 Elected Fellow of the CORE Academy (International Core Academy of Sciences and Humanities)
2024 Member of the German National Academy of Science and Engineering (ACATECH)
2023 Elected member of the Académie des Technologies (National Academy of Technologies of France – NATF)
2022 Elected member of the European Academy of Sciences and Arts
2021 Fellow of the Materials Research Society (MRS)
2019 Elected foreign member of the Royal Flemish Academy of Belgium for Sciences and Art (KVAB)
2014 Elected member of the Academia Europaea
2014 Elected fellow of the European Academy of Sciences (EURASC)
2021 Socio corrispondente, Sezione di Scienze Matematiche, Fisiche e Naturali ; Accademia Nazionale di Scienze Lettere e Arti di Modena
2011 Fellow of the Royal Society of Chemistry (FRSC)

Awards / Honours:

- 2026 Bilateral France-China Prize of the Chemical Chinese Society (CCS) and French Chemical Society (SCF)
- 2026 Honorary Professorship – Jilin University (JLU), Changchun (China)
- 2025 Amedeo Avogadro Medal – Italian Chemical Society, together with the Department of Chemical Sciences and Materials Technologies of the National Research Council, and the Accademia Nazionale delle Scienze, detta dei XL
- 2025 Francqui Chair – Francqui Foundation, Belgium
- 2025 Senior member of the Institut Universitaire de France (IUF), term 2025-2030 (France)
- 2025 Elected fellow of the CORE Academy (International Core Academy of Sciences and Humanities)
- 2024 "Prof. Luigi Tartufari" Award – Accademia Nazionale dei Lincei (Italy)
- 2024 Mid-Career Researcher Award – IUMRS-ICEM
- 2022 Ufficiale Ordine al Merito della Repubblica Italiana
- 2022 Prix André Collet – French Chemical Society
- 2021 Fellow of the Materials Research Society (MRS)
- 2020 Royal Society of Chemistry - Société Chimique de France Lectureship in Chemical Sciences
- 2020 Senior member of the Institut Universitaire de France (IUF), term 2020-2025 (France)
- 2020 Fellow of the Institute of Advanced Studies (USIAS), University of Strasbourg
- 2019 "Les Étoiles de l'Europe" award - French Ministry of Higher Education, Research and Innovation
- 2019 European Research Council (ERC) Advanced Grant
- 2019 Elected foreign member of the Royal Flemish Academy of Belgium for Sciences and Art (KVAB)
- 2018 Grand Prix Pierre Süe – Société Chimique de France
- 2018 Blaise Pascal Medal in Materials Science – EURASC
- 2018 Surfaces and Interfaces Award – Royal Society of Chemistry
- 2018 Advisory Professorship – Shanghai Jiao Tong University (SJTU), Shanghai (China)
- 2017 Grignard Wittig Lecture – German Chemical Society
- 2017 Catalan-Sabatier-Award – Spanish Chemical Society
- 2017 Inaugural Class of Hall of Fame, Advanced Materials
- 2017 Honorary Member of the University of Nova Gorica, Slovenia
- 2012 CNRS - Silver Medal
- 2010 European Research Council (ERC) - Starting Grant
- 2010 Junior member of the Institut Universitaire de France (IUF), term 2010-2015 (France)
- 2010 Prix "Guy Ourisson" du Cercle Gutenberg, Alsace (France)
- 2010 Prize of Scientific Excellence - "Prime d'excellence scientifique - PES"
Awarded by the French Department of Research, period 2010-2015 (France)
- 2009 "Nicolò Copernico" Award for Experimental Physics of Nanotechnology (Italy)
- 2006 "Vincenzo Caglioti" Award – Accademia Nazionale dei Lincei (Italy)
- 2002 Georg-Manecke Award 2002 - Berlin-Brandenburgische Verband für Polymerforschung
- 2001 IUPAC Prize for Young Chemists
- 2001 Best poster presentation at 5° Congresso Nazionale di Chimica Supramolecolare; Frascati (Roma), Italy
- 2000 Finalist Semerano Award 2000- Division of Physical Chemistry – Italian Chemical Society
- 2000 Graduate Student Award: MRS'00 Spring Meeting.
- 1998 Graduate Student Award: E-MRS'98 Spring Meeting
- 1997 Marie Curie Fellowship (2 years individual fellowship)

Named and Honorary Lectures

- 2025 Distinguished Teacher Forum, School of Chemistry and Chemical Engineering, Nanjing University (China); 16 May 2025.
- 2024 Frontiers of EOC Lectureship, Nankai University, Tianjin (China); 24 May 2024.
- 2024 Molecular Science Frontiers Lecture Professorship at the Institute of Chemistry - Chinese Academy of Sciences, Beijing (China); 23 May 2024.
- 2023 Master Distinguished Lecture, Shanghai Jiao Tong University, Shanghai (China); 24 October 2023.
- 2019 Molecular Science Forum Lecture Professorship, Institute of Chemistry Chinese Academy of Sciences, Beijing (China); 9 September 2019.
- 2017 Grignard Wittig Lecture – German Chemical Society

Editorial Activity

- 2023 – now Associate Editor, ACS Nano (ACS, i.f. 18.1)
- 2018 – 2022 Associate Editor, Nanoscale (RSC, i.f. 8.3)
- 2019 – 2022 Associate Editor, Nanoscale Advances (RSC)
- 2006 – 2020 Member of the Advisory Board of Advanced Materials (Wiley-VCH, i.f. 32.1)
- 2021 – now Member of the Executive Advisory Board of Advanced Materials (Wiley-VCH, i.f. 32.1)
- 2008 – now Member of the Advisory Board of Journal of Materials Chemistry (RSC, i.f. 8.1)

- 2009 – now Member of the Advisory Board of Nanoscale (RSC, i.f. 8.3)
- 2011 – now Member of the Advisory Board of ChemPhysChem (Wiley-VCH, i.f. 3.5)
- 2011 – now Member of the Editorial Board of ChemPlusChem (Wiley-VCH, i.f. 3.2)
- 2012 – now Member of the Editorial Advisory Board of Small (Wiley-VCH, i.f. 15.2)
- 2012 – now Member of the Advisory Board of Chemical Communications (RSC, i.f. 6.1)
- 2013 – now Member of the Advisory Board of Chemical Society Reviews (RSC, i.f. 60.6)
- 2016 – now Member of the Editorial Advisory Board of ACS Omega (ACS, i.f. 4.1)
- 2017 – now Member of the Editorial Advisory Board of ACS Nano (ACS, i.f. 18.1)
- 2018 – now Member of the International Advisory Board of ChemNanoMat (Wiley-VCH, i.f. 3.8)
- 2019 – now Member of the Advisory Board of Nanoscale Horizons (RSC, i.f. 11.7)
- 2020 – now Member of the Advisory Board of Materials Advances (RSC)
- 2020 – now Member of the Editorial Board of SmartMat (Wiley-VCH)
- 2022 – now Member of the Executive Advisory Board of Advanced Sensor Research (Wiley-VCH)
- 2023 – now Member of the Inaugural Advisory Board of RSC Applied Interfaces (RSC)
- 2023 – now Member of the Editorial Advisory Board of Chemistry Europe (Wiley-VCH)
- 2023 – now Member of the Editorial Board of Responsive Materials (Wiley-VCH)

In addition, Guest Editor of numerous books and special issues of top international journals (Adv Mater, Chem Soc Rev, Adv Funct Mater, etc).

Publications in international peer-reviewed journals:

Total publications: > 540 with 50 cover pages, (including 1 Chem. Rev., 4 Nat. Nanotech., 4 Nat. Mater., 4 Nat. Chem., 1 Nat. Synth., 11 Nat. Commun., 2 Sci. Adv., 8 Chem. Soc. Rev., 3 Acc. Chem. Res., 73 Adv. Mater., 20 Angew. Chem., 36 Adv. Funct. Mater., 2 Adv. En. Mater., 2 PNAS, 36 JACS, 1 PRL, 19 ACS Nano, 31 Small, 16 Chem. Eur. J., 39 J. Mater. Chem., 26 Nanoscale, 27 Chem. Commun, etc.)

Total citations: > 39000 - *H-index* = 103, (Google Scholar).

Conference and seminar presentations:

>230 keynote/invited talks at international conferences; >150 invited seminars in academic and industrial institutions; and 37 contributing talks at international conferences.

European/National Projects:

Expired includes

- 2003 – 2006 ESF-SONS-BIONICS (as PI)
- 2004 – 2009 Marie Curie – Early Stage Training project "SUPramolecular dEVICES at suRfaces" (SUPER) (as PI and co-coordinator)
- 2006 – 2009 ERA Chemistry Hierarchical Self-Assembly Based on Surface-Confined Foldamers: A Bottom-up Approach to Nanopatterning (SurConFold) (as PI)
- 2007 – 2010 ESF-SONS2- SUPRAMolecular MATerials for new functional Structures (SUPRAMATES) (as Coordinator)
- 2009 – 2011 Marie Curie – Intra European Fellowships "Optically tuneable supramolecular field-effect transistors" (OPTSUFET) (Individual)
- 2009 – 2011 NMP-IP "Organic Nanomaterials for Electronics and Photonics" (ONE-P) (as PI)
- 2009 – 2012 NanoSciEra "SEmiconducting SupramOLEcular nanoscale wiRes and Field-Effect TransistorS" (SENSORS) (as Coordinator)
- 2009 – 2013 Marie Curie – Initial Training Network "SUPramOLEcular functional nanoscale architectures for Organic electronics: a multi-site initial tRaining action" (SUPERIOR) (as Coordinator)
- 2012 – 2014 Marie Curie – Intra European Fellowships "GRaphene supramOLEcular elecTRonics: a life-long training Career development project" (GREAT) (Individual)
- 2010 – 2014 Marie Curie – Initial Training Network "GraphenE-orgaNic hybrid architectures for organic electronics: a mUltiSite training action" (GENIUS) (as PI)
- 2011 – 2016 European Research Council – Starting Grant "Supramolecular materials for organic electronics: unravelling the architecture vs. function relationship" (SUPRAFUNCTION) (Individual)
- 2012 – 2016 ICT-Strep "Molecular Architectures for QCA-inspired Boolean Networks" (MOLARNET) (as PI)
- 2013 – 2015 Marie Curie – Intra European Fellowships "MULTIfuncTional organic electronics throUgh nano-scale controlleD bottom-up tailoring of interfacES: An Intra-European Fellowship for career development" (MULTITUDES) (Individual)
- 2013 – 2015 Marie Curie – Intra European Fellowships "Responsive Field-Effect Transistors: A Life-Long Training Career Development action" (RESPONSIVE) (Individual).
- 2013 – 2016 Graphene Flagship (PI). Ramp-up phase
- 2013 – 2015 Marie Curie – IEF "Graphene bAsed switchabLe mATerials - towards responsive eleCTronICs: An Intra-European Fellowship for career development" (GALACTIC) (Individual)

- 2016 – 2018 Graphene Flagship (PI). Core 1 phase (as PI and work package deputy leader)
- 2015 – 2018 Marie S.-Curie ITN "SupramolecularLY eNgeineered arCHitectures for optoelectRONics and photONICS: a multi-site initial training action" (SYNCHRONICS) (as PI)
- 2015 – 2018 Marie S.-Curie ITN "Integrated self-assembled SWITCHable systems and materials: towards responsive organic electronics – a multi-site innovative training action" (iSwitch) (as Coordinator)
- 2016 – 2018 Marie Curie – IEF "MULTIfunctional optoelectronic devices based on hybrid heterostructures of 2D materials and photochromic SWITCHes" (MULTI2DSWITCH) (Individual)
- 2016 – 2018 M-ERA.NET project "Modelling Photoswitchable Organic-Graphene Hybrids" (as PI)
- 2017 – 2019 European Research Council – Proof of Concept "ITO-free multi-coloured nanoscale engineered OLEDs for large-area flexible lighting and full- colour active-matrix displays" (FlexNanoOLED) (Individual)
- 2018 – 2020 Graphene Flagship (PI). Core 2 phase (as PI, work package deputy leader, spearhead coordinator)
- 2018 – 2020 Marie Curie – IF "multireSponsive hybrid Transition mEtaL dicaLcogenides -bAsed optoelectRONics – A European Fellowship for career development" (STELLAR) (Individual)
- 2018 – 2021 EC-H2020-Innovation action – "Decorative Applications for Self-Organized Molecular Electrochromic Systems" (DecoChrom) (as PI)
- 2018 – 2021 FLAG-ERA.NET project "MXene–organic semiconductor blends for high-mobility printed organic electronic devices" (MX-OSMOPEd) (as PI)
- 2018 – 2021 EURONANOMED project "Antidrug-antibody and drug Molecular detection in Inflammatory diseases with organic electronics platform" (AMI) (as PI)
- 2020 – 2021 European Research Council – Proof of Concept "Graphene and related materials membranes for efficient removal of toxic cations from water" (GRAPHEME) (Individual)
- 2019 – 2023 Marie S.-Curie ITN "Biosensing with ORGanic ElectronicS" (BORGES) (as PI)
- 2019 – 2023 Marie S.-Curie ITN "Ultra-high Charge Carrier Mobility to Elucidate Transport Mechanisms in Molecular Semiconductors " (UHMob) (as PI)
- 2019 – 2024 Marie S.-Curie ITN "Bottom-Up generation of atomically precise syntheTic 2D MATerials for high performance in energy and Electronic applications – A multi-site innovative training action" (ULTIMATE) (as Coordinator)
- 2019 – 2024 European Research Council – Advanced Grant "Supramolecular engineering of multifunctional systems and devices: the molecular approach to 2D materials" (SUPRA2DMAT) (Individual)
- 2020 – 2023 FLAG-ERA.NET project "PatteRned cOatings based on 2D materials benzoxazine reSin hybrids for broad range Pressure detection" (PROSPECT) (as PI)
- 2020 – 2023 Graphene Flagship (PI). Core 3 phase (as PI, work package deputy leader)
- 2021 – 2023 Marie Curie – IF "Light-Addressable 2D Covalent-Organic Framework Semiconductors" (LA2DCOFS) (Individual)
- 2023 – 2025 Marie Curie – IF "Towards High-Performance Thermoelectric Generators based on Two-Dimensional Conjugated Metal–Organic" (T2DMOF) (Individual)
- 2023 – 2025 Marie Curie – IF "Multiswtichable Two-dimensional Covalent Organic Framework-based Optoelectronics" (MS2DCOFO) (Individual)
- 2022 – 2025 FLAG-ERA.NET project "Molecular engineering of layered magnetic materials: towards multifunctional spintronic devices" (MULTISPIN) (as PI)
- 2023 – 2025 EC- HORIZON-CL4-2022-RESILIENCE-01, "Graphene, MXene and ionic liquid-based sustainable supercapacitor" (GREENCAP) (as PI)

On-going includes

- 2023 – 2026 EC-HORIZON-CL4-2023-DIGITAL-EMERGING-01-CNECT, "Developing New 2D Materials and Heterostructures for Printed Digital Devices" (2D-PRINTABLE) (as Deputy Coordinator)
- 2024 – 2028 EC-HORIZON-EIC-2023-PATHFINDEROPEN-01, "High mobility Printed nEtwoRks of 2D Semiconductors for advanced electrONICs" (HYPERSONIC) (as Coordinator)
- 2024 – 2028 EC-HORIZON-EIC-2023-PATHFINDEROPEN-01, "Adaptable bio-inspired polariton-polariton energy management" (ADAPTATION) (As PI)
- 2025 – 2027 Marie Curie – IF " Multiresponsive optoelectronic devices based on multicomponent transition metal dichalcogenide networks " (MODERN) (Individual)
- 2025 – 2028 M-ERA.NET project "Optical sensors for detection of small organic molecules" (PERFORMANCE) (as PI)

Total funding raised since 2003 from national and international proposals: > 24,000 K€

Fields of Research: Supramolecular nanomaterials, Supramolecular Chemistry at surfaces and interfaces, Chemistry of complex systems, Nanochemistry, Materials chemistry, Graphene and other 2D materials, Functional nanomaterials, Sensing,

Scanning Probe Microscopies (AFM, STM/S, KPFM, C-AFM) beyond imaging, Physical and chemical properties of nanostructures, Nanofabrication and nanopatterning, Hierarchical self-assembly of hybrid systems, Organic opto-electronics.

Conference Organization: While he is member of the steering committee of the European Conference of Molecular Electronics (ECME) since 2015, he has co-founded in 2017 and co-chaired since then the European Conference on Chemistry of 2D Materials (Chem2DMat).

Moreover, > 40 conferences as Chairman or Member of the Scientific/Organizing Committee. Among others:

- EMRS'04 Spring Meeting (24-28 May 2004, Strasbourg – France): *Chairman* of a symposium entitled “Supramolecular approaches to organic electronics and nanotechnology”. (highlighted in *Nature Materials* 2004, 3, 507-508).
- ESF-EUROCORES-SONS Workshop in conjunction with the EMRS Spring Meeting 2007 (31 May – 1 June 2007, Strasbourg – France): *Chair of the Scientific Organizing Committee*.
- EMRS'08 Spring Meeting (26-30 May 2008, Strasbourg – France): *Chairman* of a symposium entitled “Functional supramolecular architectures for organic electronics and nanotechnology”. (Proceedings in *Advanced Materials*)
- 11th ICAM conference (20-25 September 2009, Rio de Janeiro – Brasil): *Chairman* of a symposium entitled “Functional materials for organic electronics and nanotechnology”.
- ESF SONS2 Workshop on Functional Multiscale architectures (5-7 May 2010, CNR, Area della Ricerca di Bologna – Italy): *Chairman*.
- First EuroGRAPHENE Symposium (18-19 November 2010, ISIS-UdS, Strasbourg): *Chairman*
- International 21st Materials Research Congress (IMRC) (13-17 August 2012, Cancun – Mexico): *Chairman* of a symposium entitled “Organic Materials for Electronics and Photonics”.
- International Conference on "Supramolecular Functional Systems for Organic Electronics" (26-28 June 2013, ISIS-UdS, Strasbourg): *Chairman*.
- European Conference of Molecular Electronics (ECME) 2015 (2-5 September 2015, Strasbourg, France): *Chairman*
- 1st European Conference on Chemistry of 2D Materials (22-26 August 2017, Strasbourg, France): *Chairman*
- International Workshop Korea-EU 2017 (5-6 December 2017, Jeju Island, South Korea): *Chairman*
- EMRS'18 Spring Meeting (18-21 June 2018, Strasbourg – France): *Chairman* of a symposium entitled "Advanced materials and architecture for organic, printable and bio-inspired photonics"
- International EU-Korea Workshop on graphene and related materials (8-9 September 2018, San Sebastian, Spain): *Chairman*
- 5th International EU-Korea Workshop on graphene and related materials (21-23 October 2019, Seoul): *Chairman*
- Graphene for Research, Innovation, Collaboration (22-24 September 2020, virtual): *Chairman*
- European Materials Research Society 2021 Spring Meeting (31 May-4 June 2021, Virtual): *Chairman*
- Graphene Week 2021 (19-24 September 2021, Virtual): *Chairman*
- 6th International EU-Korea Workshop on graphene and related materials (29 September 2021, Virtual) : *Chairman*
- Faraday Discussion on "Chemistry of 2-dimensional materials beyond graphene" (23-25 November 2021, Cambridge, United Kingdom): *Chairman*
- 2nd ULTIMATE School on “Optoelectronic and Energy Applications of 2D Materials” (25 January 2022, Virtual): *Chairman*
- 7th International EU-Korea Workshop on graphene and related materials (5 September 2022, Munich) : *Chairman*
- 8th International EU-Korea Workshop on graphene and related materials (22-23 May 2023, Seoul) : *Chairman*
- ICANX Davos Summit 2024 (11-12 July 2024, Davos, Switzerland): *Member of the Organizing Committee*
- EMRS'25 (26-30 May 2025, Strasbourg, France) – Symposium entitled “2D materials and beyond: Tomorrow’s printable low-dimensional nanostructures and hybrids”: *Chairman*
- EU US Frontiers of Engineerings (co-organized by Euro-CASE Academies and National Academy of Engineering US) (20-23 October 2025, Bordeaux, France): *Chairman*
- 3rd World Materials Conference & 9th World Materials Summit & 26th IUMRS-ICA (14-17 October 2025, Guilin, Guangxi, China) – Symposium entitled “Smart materials and wearable optoelectronic devices symposium” – *Co-Chair*

Activity as trainer:

Present group size: 1 PI, 1 Research Director, 1 Assistant Professor, 1 Engineer, 12 Post Docs, 3 PhDs, 1 Project Manager, 1 Secretary

Since 2003: Supervision of 45 PhD Students, 75 Post docs, 4 Project managers

Former collaborator now holding a faculty position (41): as full, associate, assistant Professor as well as permanent research scientists in Sweden, China, USA, Italy, UK, Spain, Canada, Belgium, France, Poland, the Netherlands.