

Curriculum Vitae et Studiorum (May 2010)

DR. CHIARA NETO

Lecturer, School of Chemistry, The University of Sydney
N.S.W. 2006, Australia

1. PERSONAL INFORMATION

Name surname, title	Chiara Neto, Dr.
Nationality	Italian
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2. ACADEMIC QUALIFICATIONS

PhD Degree	December 2001, University of Florence
Thesis Title:	“Atomic Force Microscopy Experiments on Interfaces and Surface Forces” (Supervisors Prof. P. Baglioni and Dr. V. S.J. Craig)
Masters Degree	“Laurea”, February 1998, University of Florence
Thesis title:	“Applications of Scanning Probe Microscopies to the Study of Adsorption on Solid Surfaces” (Supervisors Prof. P. Baglioni and Dr. G. D. Aloisi)

3. PRESENT AND PREVIOUS APPOINTMENTS

University Lecturer – from April 2007

Institute:	School of Chemistry, The University of Sydney
Research Topic:	Stability and dynamics of thin liquid films

ARC Australian Postdoctoral Fellow - October 2003 to December 2006

Institute:	Department of Applied Mathematics, Australian National University
Research Topic:	Nanorheology: Hydrodynamic Slip in Newtonian Fluids

Visiting Research Fellow - July 2003 to October 2003

Institute:	Department of Chemistry, University of Florence (Italy)
Research Topic:	Assembly of Magnetic Nanoparticles in a Magnetic Field
Advisor:	Prof. Piero Baglioni

Postdoctoral Fellow - January 2002 to June 2003

Institute:	Department of Applied Physics, University of Ulm, and Department of Experimental Physics, Saarland University, Saarbrücken (Germany)
Research Topic:	Dewetting of Thin Polymers Films
Advisor:	Prof. Karin Jacobs

4. MOST SIGNIFICANT CONTRIBUTIONS TO THE RESEARCH FIELD

Results of my research can be summarised under three strongly connected headings (numbers in brackets refer to references in Section 7):

1. Micro-fluidics. Direct measurements of drainage forces with an Atomic Force Microscope (AFM) showed, for the first time, clear evidence of boundary slip in Newtonian liquids. These findings, relevant for the micro-control of liquid flow and confined biological systems, were published in a paper [11] that has become the seminal contribution in the field (top 1% of papers published in physics, ISI database). Further results on the effect of surface properties on liquid slip were published in other international quality journals [7,10,12,13,] and an invited review was published in *Reports on Progress in Physics* [3].

2. Dewetting of thin liquid films. I have worked together with one of the world-leading groups in the field of thin film stability and dewetting (S. Herminghaus, K. Jacobs, Germany); during this period I have contributed to this field of research with the fundamental study of a novel dewetting pattern, so-called “satellite holes”, that develops upon dewetting of thin polystyrene films [5,6,8,9]. A paper on fingering instability is in preparation [1]. Recently, I commenced a novel research project on the patterning of proteins and biological molecules on solid substrates [2].

3. Adsorption on solid substrates. I have investigated the adsorption of molecules and molecular aggregates from solution onto a solid substrate. In particular, I have studied single macromolecules (DNA plasmids, Laurea thesis), nano-particles [4,14,15,16], cubosomes [17,18] and Langmuir-Blodgett films [19]. For this purpose I made extensive use of AFM, obtaining expertise in high resolution imaging and *in situ* imaging of soft matter (in a liquid environment).

5. RESEARCH SKILLS AND SCIENTIFIC INTERESTS

- Stability and dynamics of thin polymer films; wetting properties of solid/liquid interfaces
- Patterning of solid substrates and fabrication of biotechnological devices
- Direct measurement of surface forces (dynamic measurements, hydrophobic forces)
- Interfacial slip in Newtonian liquids; microfluidics
- Self-assembly of surfactants and nano-particles at interfaces
- Studies of nano-structured surfaces and soft matter by atomic force microscopy (AFM)
- Surface characterization techniques: scanning probe microscopies, optical microscopy, ellipsometry, scanning electron microscope (SEM), contact angle goniometry.

6. SIGNIFICANT COMPETITIVE GRANTS

- **C. Neto**, J. Gamble; ARC Discovery project “New Surfaces for the Control of Endothelial Cell Function: Application in the Design of Biocompatible Stents”, AUD \$270,000, 2009.
- B. S. Hawkett, J. K. Beattie, J. Gore, **C. Neto**, ARC Linkage project “Inhibition of Spontaneous Detonations of Explosive Emulsions in Hot and Reactive grounds”, AUD \$420,000, 2009.
- P. Thordarson, **C. Neto**, and 18 others; ARC LIEF project “A unique soft matter high-performance scanning probe microscopy facility”, AUD \$450,000, 2009.
- A. Harris, **C. Neto**; Seeding Grant from the University of Sydney Institute for Sustainable Solutions on “Sustainable water for Australian cities.” AUD \$104,590, 2009.
- G. R. Willmott, **C. Neto** ISAT Linkages Fund (New Zealand), “Experimental Micro- and Nanofluidics: Hydrophobic Spheres and Capillaries”, AUD \$2580, 2009.
- **C. Neto** et al.; “A State-of-the-Art Soft Matter Atomic Force Microscope”, Major Equipment grant, The University of Sydney, **AUD \$180,000**, 2009.

- **C. Neto** et al.; “Equipment for the Fabrication of Colloid Probes”, Minor Equipment Grant, University of Sydney, **AUD \$18,488**, 2008.
- Niche Manufacturing Flagship Scholarship for one PhD student, **\$36,000**, 2008-2011.
- **C. Neto** et al.; “A Facility for the Characterisation of Surface Properties of Solids and Liquids”, Major Equipment Grant, University of Sydney, **AUD \$115,000**, 2007.
- V.S. Craig; E.J. Wanless; G.V. Franks; **C. Neto**; M.M. Kohonen; G.J. Jameson; Dynamics at Interfaces: a facility for the characterisation of the dynamics of structural reorganisation and adsorption at interfaces: ARC, Linkage Infrastructure Equipment and Facilities, **AUD \$187,000**, 2005.
- V.S. Craig; E.J. Wanless; G.V. Franks; **C. Neto**; M.M. Kohonen; G.J. Jameson; A facility for the investigation of dynamic processes at interfaces: Australian National University, Major Equipment Expenditure, **AUD \$89,000**, 2005.
- V.S. Craig; **C. Neto**; ARC, Discovery Project, “Nanorheology: Hydrodynamic Slip in Newtonian Fluids”, **AUD \$291,000**, 2003.

7. PUBLICATION LIST

In press or published:

1. G. R. Willmott, **C. Neto** and S. C. Hendy
“An experimental study of microfluidic interactions between droplets and a nonwetting capillary”
Faraday Discussions, 146, 1-13 (2010).
2. K. R. Joseph, **C. Neto**;
“On the superhydrophobic properties of crystallised stearic acid”
Austr. J. Chem. 63, 525-528 (2010).
3. C. Martelli, J. Canning, T. Houry, N. Skivesen, M. Kristensen, G. Huyang, **C. Neto**, T. J. Sum, M. B. Hovgaard, and M. J. Crossley;
“Self-assembled porphyrin microrods and observation of structure-induced iridescence”
J. Mater. Chem. 20, 2310 - 2316 (2010).
4. Huyang G, Canning J, Gibson BT, Houry T, Sum TJ, **Neto C**, Crossley, M.J. “Processing and engineering devices in self-assembled supramolecular structures”
Nanotechnology, 20, 485301 (2009).
5. W. Sriprom, **C. Neto**, S. Perrier;
“Ultrafast photochromic nanopatterns from block copolymers”
Soft Matter 6, 909-914 (2010).
6. **C. Neto**, K.R. Joseph, W.R. Brant;
“On the superhydrophobic properties of nickel nanocarpet”
Phys Chem Chem Phys, 11, 9537 - 9544 (2009).
7. **C. Neto**, M. James, AM Telford;
“On the Composition of the Top Layer of Microphase Separated Thin PS-PEO Films”
Macromolecules, 42(13):4801-8 (2009).
8. W. Sriprom, M. James, S. Perrier, **C. Neto**;
“Ordered Microphase Separation in Thin films of PMMA-PBA Synthesized by RAFT: Effect of Block Polydispersity”,
Macromolecules, 42, 3138-3146 (2009).
9. Fery, Kornyshev, Titmuss, Ikkala, Carew, Steiner, Reinhoudt, Woolfson, Matile, Huskens, Ahangar, Faul, Sen, E. van, Colquhoun, Shaffer, Munz, Chan, R. Aufderhorst, Bittner, Huck, Hu, Whitesides, **Neto**, Barbero, Hopkinson, Browne, Steinke, Channon, Mao;
Faraday Discussions 143, 169 (2009).
10. **C. Neto**;
“A novel approach to the micropatterning of proteins using dewetting of polymer bilayers”
Phys. Chem. Chem. Phys., 9, 149-155 (2007).
11. **C. Neto**;

- “Micropatterning of Proteins Using Dewetting”
 Proceedings of the 2006 International Conference on Nanoscience and Nanotechnology,
 Brisbane, Australia, July 2006, 259-262.
12. **C. Neto**, D.R. Evans, E. Bonaccorso, H.-J. Butt and V.S.J. Craig;
 “Boundary Slip in Newtonian Liquids: a review of experimental studies”
Rep. Progr. Phys. **68**, 2859-2897 (2005).
 13. **C. Neto**, M. Bonini and P. Baglioni;
 “Self-assembly of magnetic nanoparticles into complex superstructures: spokes and spirals”
Coll. Surf. A **269**, 96–100 (2005).
 14. R. Seemann, S. Herminghaus, **C. Neto**, S. Schlagowski, D. Podzimek, R. Konrad, H. Mantz
 and K. Jacobs;
 “Dynamics and Structure Formation in Thin Polymer Melt Films”
J. Phys.: Condens. Matter **17**, S267-S290 (2005).
 15. **C. Neto** and K. Jacobs;
 “Dynamics of Hole Growth in Dewetting Polystyrene Films”
Physica A, **339**, 66-71 (2004).
 16. C.L. Henry, **C. Neto**, D.R. Evans, S. Biggs, V.S.J. Craig;
 “The Effect of Surfactant Adsorption on Liquid Boundary Slippage”
Physica A, **339**, 60-65 (2004).
 17. **C. Neto**, K. Jacobs, R. Seemann, R. Blossey, J. Becker, G. Grün;
 “Satellite Hole Formation during Dewetting: Experiment and Simulation”,
J. Phys.: Condens. Matter **15**, 3355-3366 (2003).
 18. **C. Neto**, K. Jacobs, R. Seemann, R. Blossey, J. Becker, G. Grün;
 “Correlated Dewetting Patterns in Thin Polystyrene Films”
J. Phys.: Condens. Matter **15**, S421-S426 (2003).
 19. **C. Neto**, V.S.J. Craig and D.R.M. Williams;
 “Evidence of Shear-Dependent Boundary Slip in Newtonian Liquids”,
Eur. Phys. J. E **12**, Supplement 1, S71-S74 (2003).
 20. M. Bonini, U. Bardi, D. Berti, **C. Neto**, P. Baglioni;
 “A New Way to Prepare Nanoparticles and Nanostructured Materials: Flame Spraying of
 Microemulsions”
J. Phys. Chem. B., **106**, 6178-6183 (2002).
 21. V.S.J. Craig, **C. Neto**, D.R.M. Williams;
 “Shear Dependent Boundary Slip in an Aqueous Newtonian Fluid”
Phys. Rev. Lett. **87**, 54504-54507 (2001).
 22. **C. Neto**, V.S.J. Craig;
 “Colloid Probe Characterisation: Radius and Roughness Determination”
Langmuir **17**, 2097-2099 (2001).
 23. V.S.J. Craig, **C. Neto**;
 “In Situ Calibration of Colloid Probe Cantilevers in Force Microscopy: Hydrodynamic Drag on a
 Sphere Approaching a Wall”
Langmuir **17**, 6018-6022 (2001).
 24. M. Ambrosi, L. Dei, R. Giorgi, **C. Neto**, P. Baglioni;
 “Colloidal particles of Ca(OH)₂: Properties and applications to restoration of frescoes”
Langmuir **17**, 4251-4255 (2001).
 25. M. Ambrosi, L. Dei, R. Giorgi, **C. Neto** and P. Baglioni;
 “Stable Dispersions of Ca(OH)₂ in Aliphatic Alcohols: Properties and Application in Cultural
 Heritage Conservation”
Progr. Coll. Polym. Sci., **118**, 68-72 (2001).
 26. **C. Neto**, D; Berti, G.D. Aloisi, P. Baglioni, K. Larsson;
 “In Situ Study of Soft Matter with Atomic Force Microscopy and Light Scattering”
Progr. Coll. Polym. Sci., **115**, 295-299 (2000).
 27. **C. Neto**, G.D. Aloisi, P. Baglioni, K. Larsson;
 “Imaging Soft Matter with the Atomic Force Microscope: Cubosomes and Hexosomes”

J. Phys. Chem. B **103**, 3896-3899 (1999).

28. R. Ricceri, **C. Neto**, A. Abbotto, A. Facchetti, G.A. Pagani;
“Morphological Characterisation of H Aggregates in Langmuir-Blodgett Films of Pyridinium-Dicyanomethanide Dyes”
Langmuir **15**, 2149-2151 (1999).

8. CITATION RECORD

- One of the papers of which I am coauthor (*Phys. Rev. Lett.* 87, 54504-54507 (2001)) has received (up to March 2010) **100 citations** and is one of the seminal investigations in the currently expanding field of interfacial slippage of Newtonian liquids. The rate of citation received so far by this paper places it in **the top 1% of papers** published in chemistry and physics (according to ISI Essential Science Indicators). This paper has been highlighted in the general media, see: News in Science of ABC Science Online, 1st August 2001 at <http://www.abc.net.au/science/news/>; Physics Update of Physics Today, vol. 54, No. 9, Sept. 2001; AIP Physics News Update, No. 547, 12th July 2001; first page of the ANU Reporter, vol. 32 No.10, 20th July 2001.
- A review on liquid slip measurements published on Report on Progress in Physics was well-received and has been cited **174 times** since its publication in 2005.
- My recent paper on nickel nanocarpets superhydrophobic surfaces has been highlighted in the general media, see: News in Science of ABC Science Online (“Nano-nickel makes cheap self-cleaning surface”, 16 November 2009).
- Our work on water capture devices has been highlighted in the general media: see ECOS Magazine, vol. Feb-Mar 2010: http://ecosmagazine.com/?act=view_file&file_id=EC153p22.pdf, Australasian Science Magazine, May 2010 <http://www.control.com.au/bi2010/bi314.php>, and UNI NEWS, 13 May 2010, <http://www.usyd.edu.au/news/84.html?newsstoryid=4918>.
- Globally the papers of which I am coauthor have been cited a total of **606 times** as of today. **My h-index is 13.**

9. AWARDS AND EVIDENCE OF RECOGNITION

- **2010:** Invited talk at the “International Conference on Nanoscience and Nanotechnology”, Sydney.
- **2010:** Invited talk at the Australian Biophysical Chemistry Workshop, Adelaide
- **2009:** One of the papers of which I am coauthor (*Phys Chem Chem Phys*, 11, 9537, 2009) has been highlighted in the general media, see: News in Science of ABC Science Online, 16th November 2009 at <http://www.abc.net.au/science/articles/2009/11/16/2741961.htm>.
- **2009:** Chair of a session of the Australian Colloids and Interface symposium, Adelaide, and co-edited the proceedings to be published in the *Australian Journal of Chemistry*.
- **2009:** Invited talk at the National Measurements Institute Workshop on SPM, Sydney.
- **2009:** Invited talk, ANZ First Microfluidics Meeting, Monash University
- **2009:** Invited talk at the NZ Nano and Microfluidics Workshop, Wellington, New Zealand.
- **2008:** Invited talk, School of Environmental and Life Sciences, The University of Newcastle.

- **2007:** I was offered but declined a 5 year Fellowship in Colloidal Nanotechnology of the RCUK (leading to a guaranteed lectureship) in the Department of Chemistry of the University of Hull (UK).
- **2006:** My work was highlighted in three research publications of the Australian National University (Materials Monthly, Future Materials, Sciencewise).
- **2006:** Travel subsidy to attend to the "International Workshop on Bridging Nanoscale Forces and Interfacial Phenomena to the Macroscopic World", Cancun, Mexico.
- **2005:** Awarded an Australian Colloids and Interface Science (ACIS) travel bursary.
- **2003:** Best Poster Presentation at the Workshop "Dynamics in Confinement", Grenoble.
- **2003:** Winner of the Veeco SPM Calendar Contest.
- **2002:** Awarded an Australian Postdoctoral Fellowship (3 years, APD) by the Australian Research Council for research to be conducted at the ANU.
- **2002:** Prize for Poster Presentation at the Digital Instruments User Meeting, Saarbrücken.
- **1998:** Awarded PhD Fellowship from the University of Florence.
- **1998:** Equivalent of 1st Class Honours at the University of Florence (Masters Thesis ranked 110/110 "cum laude").

10. PATENTS AND CONSULTANCIES

- **December 2009** Submission of a provisional patent on "Nanopatterning of Biomolecules on Surfaces", M. Bilek, A. Kondyurin, S. Perrier, C. Neto.
- **March 2006** Submission of a provisional patent on "Micropatterning of biological materials using dewetting principles", C. Neto.
- **1998-1999:** Engaged by Solvay Italy s.p.A. for AFM Characterisation of Ion Exchange Membranes.
- **1999-2000:** Consultancy for the determination of the properties of commercial surfactants based on alkyl-poly-glucosides.
- **1998-2002:** Engaged regularly by CSGI (Consortium for the Development of Systems of Large Interface), c/o University of Florence, for running of the AFM facility.

11. TEACHING EXPERIENCE

- **2009:** I currently supervise and co-supervise one postdoctoral fellow, four PhD students and four Honours students. I lecture 1st and 3rd Year Students in Chemistry and postgraduate Biotechnology students, have designed and run an advanced seminar series for 3rd Year Students, and coordinate 3rd Year Physical Chemistry labs.
- **2008** I lecture 1st Year Students in Chemistry, have designed and run an advanced seminar series for 3rd Year Students, and run 2nd Year Physical Chemistry labs.
- **2007** I lectured 1st Year Students in Chemistry, designed and run an advanced surface wettability workshops for 3rd Year Students, and run 2nd Year Physical Chemistry labs.
- I have gained valuable experience in the supervision of Honours and PhD students, both during my postdoctoral research in Germany and during my research fellowship at ANU. I am officially an advisor of a PhD student in the Department of Applied Mathematics at ANU.
- **2006** I lectured 2nd Year Students in a course on Physical Chemistry (CHEM2102) at the Australian National University.
- **2006:** I attended a workshop on student supervision organised by the Centre for Educational Development & Academic Methods (CEDAM) at the ANU.
- **2005 & 2006** I designed 50% of the course and lectured Honours year students on "Wetting and Capillarity" at the Australian National University.
- **October 2002 - February 2003** I prepared the lab course associated with the lectures by Prof. Stephan Herminghaus on solid state physics for fourth year physics students at the University of Ulm.

- **July 2002:** I designed and supervised the course “Dewetting and Structure Formation” for fifth year physics students at the Department of Physics of the University of Ulm.
- **1999-2003** I supervised a Honours student and occasionally several postgraduate students in the Department of Chemistry of the University of Florence, teaching the basics of imaging with atomic force microscopy.

12. SERVICE

- Referee for the Marsden Fund (Royal Society of New Zealand) and for the Australia-India Strategic Fund (Australian Research Council Nanotechnology Network).
- Member of the Royal Australian Chemical Institute (RACI).
- Chair of the Staff-Student Liaison Committee at the School of Chemistry, University of Sydney.
- Honorary Secretary of the University of Sydney Chemical Society (2008).
- Member of the Australian Research Network for Advanced Materials.
- Member of the Australian Research Council Nanotechnology Network.
- Reviewer for several international scientific journals such as Langmuir, J. Phys. Chem., Eur. Phys. J. E, J. Mater. Chem., PCCP, Lab on a Chip, Soft Matter, and Physica A.
- Assistant organizer of the December 1998 “Advanced SIME School of Scanning Probe Microscopies” (Florence).
- Assistant organizer of the November 1997 “School of Scanning Probe Microscopies” (Florence) and tutor on the use of Atomic Force Microscopy during the School.
- June 1998: Member (for Chemistry) of the committee assessing final exams for last year college students of the Istituto d’Arte of Florence.

13. LANGUAGES

	Knowledge		Knowledge
Italian	native	German	good
English	excellent	French	good

14. CONFERENCE CONTRIBUTIONS AND INVITED TALKS

- **2010: Invited talk** at the International Conference on Nanoscience and Nanotechnology (ICONN), Sydney.
- **2010: Invited talk** at the Australian Biophysical Chemistry Workshop, Adelaide.
- **2009: Invited talk** at the National Measurements Institute Workshop on SPM, Sydney.
- **2009: Invited talk** at the NZ Nano and Microfluidics Workshop, Wellington, New Zealand.
- **2009: Invited talk** at Industrial Research Limited, Wellington, New Zealand.
- **2009: Invited talk**, Department of Physics, University of Cambridge (UK).
- **2009: Invited talk**, School of Chemistry, The University of New South Wales.
- **2009: Invited talk**, ANZ First Microfluidics Meeting, Monash University
- **2009:** Australian Colloid and Interface Symposium, Adelaide, oral presentation.
- **2008: Invited talk**, Centre for Marine Bio-Innovation, The University of New South Wales.
- **2008:** Liquid Matter Conference of the European Physical Society, Lund, Sweden, poster.
- **2008: Invited talk**, School of Chemistry, University of Newcastle.
- **2008: Invited talk**, CSIRO Molecular and Health Technologies, Clayton.
- **2008:** International Conference on Nanoscience and Nanotechnology, Melbourne.
- **2007: Invited Talks** at the Universities of Florence (Chemistry), Padova (Chemistry), and Salerno (Engineering), and at the International School for Advanced Studies, Trieste (Italy)
- **2007:** Australian Colloid and Interface Symposium, Sydney, oral presentation.
- **2006: Invited talk** at the Department of Chemistry of the University of Hull (UK).

- **2006: Invited talk** at the Department of Chemistry of the University of Sydney (Australia).
- **2006:** “New Materials and Complexity IV” Conference, Kioloa (Australia), oral presentation.
- **2006:** “International Conference on Nanoscience & Nanotechnology”, Brisbane (Australia), oral presentation.
- **2006: Invited talk** at the John Curtin School of Medical Research, ANU, Australia.
- **2006: Invited talk** at the Undergraduate Physics Society, ANU, Australia.
- **2006:** Commercialisation Expo 2006, Melbourne, Australia.
- **2006:** International Workshop on “Bridging Nanoscale Forces and Interfacial Phenomena to the Macroscopic World”, Cancun (Mexico), poster presentation.
- **2005:** “New Materials and Complexity III” Conference, Kioloa (Australia), chair of one session.
- **2005:** 6th Liquid Matter Conference of the European Physical Society, (Utrecht), oral presentation.
- **2005: Invited talk** at the ISMN-CNR, Bologna (Italy).
- **2005:** Australian Colloid and Interface Symposium, Sydney, poster presentation.
- **2004:** “New Materials and Complexity II” Conference, Kioloa (Australia), oral presentation.
- **2004: Invited talk** at the Workshop Dynamics of Fluids at Interfaces, Lyon (France)
- **2004: Invited talk** at the Department of Chemistry, University of Catania (Italy).
- **2004:** 3rd Meeting of CSGI (Consortium for the Development of Systems of Great Interface), Cagliari (Italy), poster presentation.
- **2003:** “New Materials and Complexity” Conference, Kioloa (Australia), oral presentation.
- **2003:** 17th Conference of the ECIS (European Colloid and Interface Science Society) (Florence), poster presentation.
- **2003:** Spring Meeting of the German Physical Society, (Dresden), two oral presentations.
- **2003:** 2nd International Workshop on "Dynamics in Confinement", (Grenoble).
- **2002:** “5th Liquid Matter Conference of the European Physical Society” (Konstanz).
- **2002:** “Spring Meeting of the Condensed Matter Division” of the German Physical Society (Regensburg).
- **2002: Invited Talk** at the Colloid and Interface Colloquium, Max Planck Institute for Colloids and Interfaces (Potsdam).
- **2002:** “Digital Instruments User Meeting” (Saarbrücken).
- **2001: Invited Talk** at the Physics Colloquium, University of Ulm.
- **2001: Invited Talk** at the Department of Chemistry and Biosensors of the University of Regensburg.
- **2001:** “2nd International Conference on Scanning Probe Microscopy of Polymers” (Weingarten, Germany).
- **2001:** “Microscopy, Signals, Images and Associated Techniques” (Pisa), oral presentation.
- **2000:** “Soft Condensed Matter: Physical and Biological Aspects”, (Canberra, Australia).
- **2000: Invited Talk** at Founders Day, Australian National University (Canberra).
- **2000:** “16th Australian Conference on Electron Microscopy” (Canberra, Australia).
- **1999:** “National Congress of the Interdivisional Group of Colloids and Interfaces” of the Italian Chemical Society (Rome).
- **1999:** “13th European Colloid and Interface Society Conference” (Dublin).
- **1999:** “XXX National Congress of the Physical Chemistry” of the Italian Chemical Society (Florence).
- **1999:** “National Seminar of Physical Chemistry” (Turin).
- **1998:** “Advanced SIME School of Scanning Probe Microscopies” (Florence).
- **1998:** “National Congress of the Interdivisional Group of Colloids and Interfaces” of the Italian Chemical Society (Florence).
- **1997:** “School on Scanning Probe Microscopies” (Florence).