

ORAL PRESENTATIONS

Invited seminars

34. Italian Institute of Technology, Naples, Italy, 5 June 2012
33. University College Dublin, Institute of Nanomedicine, Dublin, Ireland, 19 Jan. 2012
32. University of Venice, Italy, 25 Nov. 2011
31. Freie University, Berlin, Germany, 7 June 2011
30. Methodist Hospital Research Institute, Houston, TX, USA 19 April 2011
29. University College Dublin, School of Chemistry, Dublin, Ireland, 6 April 2011
28. University of Chieti, School of Pharmacy, Chieti, Italy, 16 Dec. 2010
27. University of Miami, School of Chemistry, Coral Gables, FL, USA 30 March 2010
26. University of Milan, School of Physics, Milan, Italy, 22 September 2009
25. MANA, National Institute for Materials Science, Tsukuba, Japan, 3 August 2009
24. University of Catania, School of Chemistry, Catania, Italy, 8 April 2009
23. University of Cambridge, Centre for Advanced Photonics and Electronics, Cambridge, UK, 27 March 2009 (Advanced Technology Lecture)
22. University College Cork, School of Physics, Cork, Ireland, 19 Jan. 2009
21. University of Limerick, School of Materials, Limerick, Ireland, 5 June 2008
20. Trinity College Dublin, Institute of Molecular Medicine, Dublin, Ireland, 10 Mar 2008
19. Trinity College Dublin, School of Chemistry, Dublin, Ireland, December 6, 2007
18. University of Texas at Dallas, NanoTech Institute, Richardson, TX, USA, 14 June 2006
17. Carbon Nanotechnologies Inc., Houston, TX, USA, 31 May 2006
16. Rice University, Department of Material Science, Houston, TX, USA, 30 May 2006
15. University of Chile, Department of Material Science, Santiago, Chile, March 24, 2006
14. University of Surrey, Materials Institute, Guilford, UK Feb. 28, 2006
13. European Commission, Joint Research Center, Institute for Health and Consumer Protection, Ispra, Italy, Dec. 1, 2005
12. Politecnico di Milano, Department of Physics, Milan, Italy, Sept. 23, 2005
11. University of Newcastle, Department of Chemistry, Newcastle, UK, April 29, 2005
10. University of Liverpool, Department of Chemistry, Liverpool, UK, January 14, 2005
9. University of Bologna, Department of Chemistry “G. Ciamician”, Bologna, Italy, April 14, 2004
8. Trinity College Dublin, Department of Physics, Dublin, Ireland, Dec. 10, 2003
7. Tutorial Seminar, Doolin, Ireland, Nov. 6, 2003
6. University of Milan, Department of Organic Chemistry “A. Marchesini”, Italy, June 11, 2003
5. Trinity College Dublin, Institute of Advanced Materials Science, Dublin, Ireland, Feb. 5, 2003
4. Trinity College Dublin, Department of Chemistry, Dublin, Ireland, Feb. 6, 2003
3. Queen’s University Belfast, Department of Chemistry, Belfast, Northern Ireland, Feb. 7, 2003
2. Colgate-Palmolive Co., Piscataway, NJ, USA, Nov. 18, 2002
1. University of Miami, Department of Biomedical Engineering, FL, USA, Nov. 13, 2002

Research Conferences

35. “From molecule to functional materials” **Intel European Research & Innovation Conference 2012**, Dublin, Ireland, 3 October 2012 (Keynote speaker)

34. "Functionalisation of carbon nanomaterials for biomedical applications" **NanoNet Ireland 2012**, Nanoscience Excellence with Impact, Trinity College, Dublin, 17 September 2012 (Invited speaker)
33. "Functionalisation of carbon nanotubes and nano-onions for biomedical applications" **NanoteC12**, Carbon Nanoscience and Nanotechnology conference, University of Sussex, Brighton, UK, 30 August 2012 (Keynote speaker)
32. "Functionalised nanotubes for sensing and biomedical applications" **European Material Research Society Conference** (E-MRS), symposium G, Strasbourg, France, 16 May 2011 (Selected talk)
31. "Synthesis of switchable near infrared absorbing boron azadipyrromethene single-wall carbon nanotube conjugates" **European Material Research Society Conference** (E-MRS), symposium K, Strasbourg, France, 15 May 2011 (Selected talk)
30. "Excited state on/off switching of a boron azadipyrromethene single-wall carbon nanotube conjugate" **Chem On Tubes 2012**, Arcachon, France, 2 April 2012 (Selected talk)
29. "Purification, Oxidation and Functionalization of Single-Walled Carbon Nanotubes" **ECOST meeting**, Trieste, Italy, 11 Nov. 2011 (Invited talk)
28. "Highly purified oxidized SWNTs for the synthesis of near infrared electron donor-acceptor conjugates", **43rd IUPAC World Chemistry Congress**, San Juan, Puerto Rico, 2 August 2011 (Invited talk)
27. "Highly Purified Oxidized SWNTs for the Synthesis of Near Infrared Electron Donor-Acceptor Conjugates" **ECOST meeting**, Vibrational Spectroscopy in Nanotechnology workshop, Istanbul, Turkey, 26-29 June 2011 (Invited talk)
26. "Synthesis and characterization of boron azadipyrromethene single-walled carbon nanotubes electron donor acceptor conjugates", **European Material Research Society Conference** (E-MRS), Nice, France, 9 May 2011 (Selected talk)
25. "Purified and oxidized single-walled carbon nanotubes: potential NIR fluorescent probes for molecular imaging", **European Material Research Society Conference** (E-MRS), Nice, France, 10 May 2011 (Selected talk)
24. "Functionalizing Nanotubes with Molecular Switches for Smart and Sensitive Devices", **Intel European Research & Innovation Conference**, Leixlip, Ireland, 14 Oct. 2010 (Keynote talk)
23. "The role of metal ions and counterions in the switching behavior of spiropyrans" **240th American Chemical Society National Meeting** (ACS), Boston, USA, 25 August 2010 (Selected talk)
22. "Functionalization of Single Walled Carbon Nanotubes with Optically Switchable Spiropyrans" **Chem On Tubes 2010**, Arcachon, France, 15 April 2010 (Selected talk)
21. "Functionalization of single walled carbon nanotubes with optically switchable spiropyrans" **239th American Chemical Society National Meeting** (ACS), San Francisco, USA, 24 March 2010 (Selected talk)
20. "Spiropyran as a reversible Zn selective receptor" **239th American Chemical Society National Meeting** (ACS), San Francisco, USA, 24 March 2010 (Selected talk)
19. "Molecular communications and sensing with molecular switches", **Molecular design and synthesis toward intelligent materials workshop**, Okayama University, Japan, 25-26 July 2009 (Invited talk)
18. "From smart molecules to functional materials", **Polymeric Materials Conference**, Industrial Technology Center of Okayama Prefecture, Japan, 15 July 2009 (Invited talk)
17. "Sensing with Molecular Switches", **10th Symposium on Supramolecular Chemistry in Ireland**, Trinity College Dublin, Ireland, 9 July, 2009 (Invited talk)
16. "Molecular switches on tubes" **236th ACS National Meeting**, Philadelphia, 20 Aug. 2008 (Selected talk)
15. "From smart molecules to functional materials", **Fun Day Symposium for Jonathan Sessler**, School of Chemistry, Trinity College Dublin, 14 May 2008 (Invited talk)

14. “Functionalisation of carbon nanotubes” **NT'07, Eight International Conference on the Science and Application of Nanotubes**, Ouro Preto, Brazil, 28 June 2007 (Selected talk)
13. “Carbon nanotube dispersions and techniques for analysis” **Advanced seminar in Nanoscience**, ICT Ireland Accel Project, Intel, Liexlip, Ireland, 5 Dec. 2006 (Invited talk)
12. “Dispersion of single-walled carbon nanotubes” **Fun Day of Chemistry Symposium**, School of Chemistry, Trinity College Dublin, Ireland, 25 July 2006 (Invited talk)
11. “Dispersion of single-walled carbon nanotubes” **ICSM 2006, The International Conference on Science and Technology of Synthetic Metals**, Dublin, Ireland, 5 July 2006 (Selected talk)
10. “From molecular switches to carbon nanotubes in the search for smart materials”, Marie Curie Research Training Network Meeting, Kirchberg, Austria March 11, 2006
9. “Effect of Solvents and Dispersants on the Bundle Dissociation of Single-Wall Carbon Nanotube”, Marie Curie Research Training Network Meeting, Bled, Slovenia, Sept. 20, 2005
8. “Effect of Solvents and Dispersants on the Bundle Dissociation of Single-Wall Carbon Nanotube”, **NATO-ASI 2005, Carbon Nanotube: From Basic Research to Nanotechnology**, Sozopol, Bulgaria, May 22, 2005
7. “Effect of Solvents and Dispersants on the Bundle Dissociation of Single-Wall Carbon Nanotube”, **Nanotech 2005**, Anaheim, CA, May 11, 2005
6. “Ultra High Strength Nanotube Based Composite: the Mechanism of Strength Increase”, **Nanotech 2005**, Anaheim, CA, May 10, 2005
5. “Effect of Solvents and Dispersants on the Bundle Dissociation of Single-Wall Carbon Nanotube”, **SPIE Opto-Ireland 2005: Nanotechnology and Nanophotonics**, Dublin, Ireland, April 6, 2005
4. “Carbon Nanotube Dispersion”, Marie Curie Research Training Network Mid-term Review, Brussels, Belgium, Nov. 25, 2004
3. “Carbon Nanotube Bundle Dissociation in Low Concentration Nanotube Composites”, **Symposium on Advanced Materials**, Freyung, Germany, Sept. 23-27, 2004 (Invited talk)
2. “Digital Processing and Communication with Molecular Switches”, **5th Symposium on Supramolecular Chemistry in Ireland**, Trinity College Dublin, Ireland, March 19, 2004 (Invited talk)
1. “All-Optical Processing with Molecular Switches”, **225th ACS National Meeting**, New Orleans, LA, March 23-27, 2003, Material Devices and Switches ORGN-690

POSTER PRESENTATIONS

74. Biondi I., Morochnik S., Pesenti N., Echegoyen L. and Giordani S. “Photo Switchable Spiropyran Functionalized Carbon Nano-Onions” Intel European Research & Innovation Conference 2012, Dublin, Ireland, 3-4 October 2012
73. Shmavonyan G., Pesenti N., and Giordani S. “Characterisation of graphene layers by Raman Spectroscopy and AFM” NanoteC12, Carbon Nanoscience and Nanotechnology conference, University of Sussex, Brighton, UK, 29 August – 1 Sept. 2012
72. Al-Altar N., Al-Majmaie, Kopf I., Giordani S. and Rice J. “Investigation of covalent functionalized single-walled carbon nanotubes using surface-enhanced Raman scattering” *Proceedings of SPIE*, Organic Photonics, Brussels, Belgium, 16 April 2012
71. Yang M., Flavin K., Delany E., Echegoyen L., Giordani S., Lavelle E.C. “Carbon nanoparticles activate the NLRP3 inflammasome and efficiently target draining lymph nodes following injection” British Society for Immunology (BSI) Congress, Liverpool, 5-8 Dec. 2011

70. Del Canto E., Natali M., Flavin K., Movia D. and Giordani S. “Single-Walled Carbon Nanotubes and Photo Switchable Spiroprans: Novel Multifunctional Platforms for Sensing and Biological Applications” Intel European Research & Innovation Conference 2011, Leixlip, Ireland, 12-14 October 2011
69. Kopf I., Flavin K., Al-Altar N., Rice J.H. and Giordani S. “Enhanced raman spectroscopy on carbon nanotubes” Intel European Research & Innovation Conference 2011, Leixlip, Ireland, 12-14 October 2011
68. Al-Altar N., Rice J.H. Giordani S. and Kopf I. “Stone-Wales and related pentagonal-hexagonal defects in single wall carbon nanotubes and oxidised single wall carbon nanotubes” Intel European Research & Innovation Conference 2011, Leixlip, Ireland, 12-14 October 2011
67. Di Crescenzo A., Aschi M., Del Canto E., Giordani S. and Fontana A. “Structural modifications for improving the dispersibility of single-walled carbon nanotubes” XXIV Congresso Nazionale della Società Chimica Italiana, Lecce, Italy 11-16 September 2011
66. Flavin K., Chaur N., Echegoyen L. and Giordani S. “Functionalization of multilayer fullerenes (carbon nano-onions) using diazonium compounds and “click” chemistry” 43rd IUPAC World Chemistry Congress, 30 July – 7 August 2011, San Juan, Puerto Rico
65. Markey L., Flavin K., Scanlan E.M., Giordani S. “Synthesis and Investigation of Glycopeptide Coated Carbon Nanotubes for Tumour Specific Drug Delivery” 16th European Carbohydrate Symposium, Sorrento-Naples 3-7 July 2011
64. Di Crescenzo A., Germani R., Del Canto E., Giordani S., Savelli G. and Fontana A. “Effect of Surfactant Structure in Carbon Nanotube Sidewalls Adsorption”, TUMA, Perugia, Italy, 30 June-1 July 2011.
63. Markey L., Giordani S., Scanlan E.M. “NCL-TEC: A Novel Methodology for the Synthesis of Functionalised Peptides” 63rd Irish Universities Chemistry Colloquium, Dublin, Ireland, June 2011 (selected poster)
62. Del Canto E., Flavin K., Movia D. and Giordani S. “A Critical Investigation of Defect Site Functionalization on Single Walled Carbon Nanotubes” MRS conference, San Francisco, 25-29 April 2011
61. Di Crescenzo A., Del Canto E., Pieraccini S., Masiero S., Spada G. P., Giordani S., Fontana A. “Lipophilic guanosine derivatives as carbon nanotubes dispersing agents” European Winter School on Physical Organic Chemistry (e-WISPOC), Bressanone, Italy, 30 Jan – 4 Feb. 2011
60. Movia D., Del Canto E. and Giordani S. “Purified and Oxidized SWNTs: potential NIR fluorescence probes for molecular imaging” INSPIRE BioNano Postgraduate Research Workshop, Conway Institute, UCD, 20-21 October 2010
59. Del Canto E., Flavin K., Movia D., Natali M. and Giordani S. “Design, synthesis and characterization of Single Walled Carbon Nanotubes”, Intel European Research & Innovation Conference 2010, Leixlip, Ireland, 12-14 October 2010
58. Behan G., Movia D., del Canto E., Giordani S. and Zhang H. “Three-dimensional Reconstruction of Organic Material Using Conical Tomography and Helium Ion Microscopy” 2nd Conference on 3D-imaging of Materials and Systems Acquisition-Analysis-Application, Hourtin, France, 6-10 Sept. 2010.
57. Lawrence K., Bartelmess J., Flavin K., O’Shea D., Chaur M.N., Echegoyen L., Giordani S. and Guldi D.M. “Characterization of short SWNT functionalized with aza-Bodipy and nano-onions functionalized with Zn-porphyrin” 240th ACS National Meeting, Boston, 22-26 August 2010
56. Flavin K., Chaur N., Echegoyen L. and Giordani S. “Functionalization of Multilayer Fullerenes (Carbon Nano-Onions)” NT’10, 11th International Conference on the Science and Application of Nanotubes Tubes, Montreal, Canada 26 June-4 July 2010

55. Del Canto E., Flavin K., Movia D. and Giordani S. "Clean, short and highly oxidized Single Walled Carbon Nanotubes (SWNTs): an investigation of basic treatment and solvent washing" Chem On Tubes 2010, Arcachon, France, 11-15 April 2010
54. Movia D., Del Canto E. and Giordani S. "NIR-Photoluminescence of Chemically Treated Single-Walled Carbon Nanotubes" Chem On Tubes 2010, Arcachon, France, 11-15 April 2010
53. Flavin K., Chaur N., Echegoyen L. and Giordani S. "Functionalization of Multilayer Fullerenes (Carbon Nano-Onions) using Diazonium Compounds and 'Click' Chemistry" Chem On Tubes 2010, Arcachon, France, 11-15 April 2010
52. Giordani S., Natali M., Douglawi A., Aakeroy C.B., Hurley E.P., Desper J. "Balance between closed and open forms of spiropyrans in the solid state" 239th ACS National Meeting, San Francisco, 21-25 March 2010
51. Del Canto E., Flavin K., Natali M., Perova T. and Giordani S. "Synthesis and Characterization of Spiropyran Functionalized Single Walled Carbon Nanotubes" 2009 IRCSET Symposium "Innovation fuelling the Smart Society", RDS Ballsbridge Dublin, 25 September 2009
50. Del Canto E., Natali M., Perova T. and Giordani S. "Micro and Tip Enhanced Raman Spectroscopies of Spiropyran Functionalized Single Walled Carbon Nanotubes" Intel European Research and Innovation Conference 2009, Leixlip, 10-12 September 2009
49. Ota J. and Giordani S. "A step towards reliable protocol for preparing good gold tips used in Tip Enhanced Raman Spectroscopy" Intel European Research and Innovation Conference 2009, Leixlip, 10-12 September 2009
48. Movia D., Del Canto E. and Giordani S., "Microscopic and Spectroscopic Characterization of Acid-Treated Single-Walled Carbon Nanotubes" Microscopical Society of Ireland 33rd Annual Symposium, UCD, 26-28 August 2009
47. Cullen R. J., Mirza I., Smyth C., Perova T., Giordani S., Lunney J. and Colavita P. E., "Preparation and characterization of amorphous carbon thin films", 61st Irish Universities Chemistry Colloquium, DIT, Dublin, Ireland, 17-19 June 2009 (selected poster)
46. Movia D., Del Canto E., Flavin K. and Giordani S., "Spectroscopic characterization of acid treated single-walled carbon nanotubes" 61st Irish Universities Chemistry Colloquium, DIT, Dublin, Ireland, 17-19 June 2009 (selected poster)
45. Movia D., Del Canto E. and Giordani S. "Spectroscopy of Single-Walled Carbon Nanotubes in Aqueous Surfactant Dispersion" 24th IWEPNM, International Winter School on Electronic Properties of Novel Materials Euroconference Molecular Nanostructures, Kirchberg/Tirol, Austria, 7-14 March 2009
44. Del Canto E., Natali M., Perova T. and Giordani S. "Spiropyran Dye Molecules on Single Walled Carbon Nanotubes" AFM Forum and Workshop, University College Dublin (UCD), 20-21 November 2008
43. Del Canto E., Natali M., Perova T. and Giordani S. "Spiropyran Dye Molecules on Single Walled Carbon Nanotubes" Intel European Research and Innovation Conference 2008, Leixlip, 10-12 September 2008
42. Ramirez S., Natali M. and Giordani S. "Towards New Intelligent Materials Based on Conducting Polymers and Molecular Switches" 236th ACS National Meeting, Philadelphia, 17-21 Aug. 2008 PMSE (selected for Science-Mix)
41. Giordani S., Del Canto E., Natali M. and Perova T. "Molecular switches on tubes" NT'08, 9th International Conference on the Science and Application of Nanotubes Tubes, Montpellier, France 29 June-4 July 2008
40. Giordani S., Natali M., del Canto E. and Perova T. "Functionalization of Carbon Nanotubes with Molecular Switches" Chem On Tubes 2008, Saragoza, Spain, 6-9 April 2008

39. Giordani S. “Functionalisation of nanotubes with molecular switches for smart and sensitive devices” SFI Science Summit, Nov. 2007
38. Vasquez E., Brunetti F., Giordani S. and Prato M. “Microwave-assisted functionalization of carbon nanotubes” IX International conference on frontiers of polymers and advanced materials, Cracow, Poland, 9-12 July 2007
37. Giordani S., Mhuirheartaigh E. N., Blau W.J. and Prato M. “Sonication of porphyrin-nanotube composites: a cautionary tale” 22th IWEPNM, International Winter School on Electronic Properties of Novel Materials Euroconference Molecular Nanostructures, Kirchberg/Tirol, Austria, 10-17 March 2007
36. Giordani S., Mhuirheartaigh E. N., Blau W.J. and Prato M. “Sonication of porphyrin-nanotube composites: a cautionary tale” ICMR-JNCASR, Winter School on Chemistry of Materials, Bangalore, India, 12-19 Dec. 2006
35. Bergin S. D., Giordani S., Nicolosi V., Blau W. J. and Coleman J. N. “Bundle dissociation of single-walled carbon nanotubes in amide solvents” Materials Research Society (MRS) Meeting, Boston, USA, 27 Nov-1 Dec. 2006
34. Shodiev H., Giordani S., Lee S., Aliev A., Zhang M., Fang S., Baughman R.H. and Zakhidov A. “Transparent MWCNT decorated with debundled SWCNT as Electrodes in Graetzel Cells” Materials Research Society (MRS) Meeting, Boston, MA, USA, 27 Nov-1 Dec. 2006
33. Bergin S. D., Giordani S., Nicolosi V., de Gromard A., Blau W. J. and Coleman J. N. “Bundle dissociation of single-walled carbon nanotubes in amide solvents” 3rd Intel Ireland research conference, Leixlip, Ireland, 4-5 Sept. 2006
32. Bergin S. D., Giordani S., Nicolosi V., de Gromard A., Blau W. J. and Coleman J. N. “Bundle dissociation of single-walled carbon nanotubes in amide solvents” 30th Annual Microscopical Society of Ireland (MSI) Meeting, National University of Ireland-Galway, Ireland, 30 August-1 Sept. 2006
31. Giordani S., Treanor J., Cunniffe G., Drury A., Nicolosi V., Bergin S. D., Lebedkin, Coleman J. N. and Blau W. J. “Dispersion of single-walled carbon nanotubes” ICSM 2006, The International Conference on Science and Technology of Synthetic Metals, Dublin, Ireland, 2-7 July 2006
30. Bergin S. D., Giordani S., MacKernan D., Coleman J. N. and Blau W. J. “Effect of solvents on the bundle dissociation of single-walled carbon nanotubes” ICSM 2006, The International Conference on Science and Technology of Synthetic Metals, Dublin, Ireland, 2-7 July 2006
29. Mhuirheartaigh E. N., Giordani S., Mac Kernan D., Senge M.O. and Blau W.J. “Linear and Nonlinear Optical Properties of Porphyrin-Carbon Nanotube Composite Solutions” ICSM 2006, The International Conference on Science and Technology of Synthetic Metals, Dublin, Ireland, 2-7 July 2006
28. Rickard D., Giordani S., Blau W. J. and Coleman J. N. “Photoluminescence Quenching, Charge Transfer and Photovoltaic Activity Studies of Organic Polymer/Inorganic-Nanomaterial Composites” ICSM 2006, The International Conference on Science and Technology of Synthetic Metals, Dublin, Ireland, 2-7 July 2006
27. Mhuirheartaigh E.N., Giordani S., Mac Kernan D., Notaras E.G.A., Senge M.O. and Blau W.J.: “Linear and Nonlinear Optical characterization of tetraphenylporphyrin – Carbon Nanotube Composite systems” ISOPL4, International Symposium on Materials and Devices for Nonlinear Optics, Dingle, Ireland 27-30 June 2006
26. Giordani, S.; Bergin, S.; Lebedkin, S.; Nicolosi, V.; Blau, W.J.; and Coleman, J.N.: “Dispersion of Single-Walled Carbon Nanotubes” 3rd National conference on Nanoscience and Nanotechnology, University of Trieste, Italy, May 22-24, 2006

25. Mhuirheartaigh E.N., Giordani S., Senge M.O. and Blau W.J.: “Linear and Nonlinear Optical Properties of Porphyrin – Carbon Nanotube Composite solutions” 7th Symposium on Supramolecular Chemistry in Ireland, Trinity College Dublin, March 31, 2006
24. Giordani, S.; Bergin, S.; Lebedkin, S.; Blau, W.J.; and Coleman, J.N.: “Debundling of Single-Walled Carbon Nanotubes by Dilution: Observation of Large Populations of Individual Tubes in High Concentration Dispersions” 21th IWEPM, International Winter School on Electronic Properties of Novel Materials Euroconference Molecular Nanostructures, Kirchberg/Tirol, Austria, March 4-11, 2006
23. Bergin S., Giordani S., Mac Kernan D., Drury A., Coleman J.N. and Blau W., Effect of Solvents and Dispersants on the Bundle Dissociation of Single-Wall Carbon Nanotubes, 2nd Intel Ireland Research Conference, Leixlip, Ireland, Sept. 12, 2005
22. Giordani S., Bergin S., Mac Kernan D., Coleman J.N. and Blau W., Bundle Dissociation of Single-Wall Carbon Nanotube in Amide Solvents, 6th International Conference on the Science and Application of Nanotubes (NT’05), Gotheburg, Sweden, June 26-July 1, 2005
21. Mac Kernan D., Giordani S., Coleman J.N., Bergin, S. and Blau W., Simulation of Bundle Dissociation of Single-Wall Carbon Nanotube: Entropic Effect, 6th International Conference on the Science and Application of Nanotubes (NT’05), Gotheburg, Sweden, June 26-July 1, 2005
20. Giordani S., Bergin S., Drury A., Mhuirheartaigh E.N., Minett A., Coleman J.N. and Blau W., Effect of Solvent and Dispersant on the Bundle Dissociation of Single-Wall Carbon Nanotube, 20th IWEPM, International Winter School on Electronic Properties of Novel Materials Euroconference Molecular Nanostructures, Kirchberg/Tirol, Austria, March 12-19, 2005
19. Bergin S., Giordani S., Mac Kernan D., Minett A., Coleman J.N., Blau W., Characterisation of Single-walled Carbon Nanotube Bundle Dissociation in Amide Solvents, 20th IWEPM, International Winter School on Electronic Properties of Novel Materials Euroconference Molecular Nanostructures, Kirchberg/Tirol, Austria, March 12-19, 2005
18. Giordani S., Bergin S, Drury A., Mhuirheartaigh E.N., Coleman J.N., Blau W., Effect of Solvents and Dispersants on the Bundle Dissociation of Single-Wall Carbon Nanotube, 6th Symposium on Supramolecular Chemistry in Ireland, Trinity College Dublin, March 22, 2005
17. Bergin S., Giordani S., Mac Kernan D., Minett A.I., Coleman J.N., Blau W., Characterisation of Single-walled Carbon Nanotube Bundle Dissociation in Amide Solvents, 6th Symposium on Supramolecular Chemistry in Ireland, Trinity College Dublin, March 22, 2005
16. O’ Reilly N., Ritchie N., James S., Giordani S., McNally T., Pollard B., Nieuwenhuyzen M., Raithby P. Pyrenyl Phosphines – Luminescence and Binding to Carbon Nanotubes, 6th Symposium on Supramolecular Chemistry in Ireland, Trinity College Dublin, March 22, 2005
15. Giordani S., Bergin S., Drury A., Mhuirheartaigh E.N., Fleming A., Coleman J.N., Blau W., Nanotube Dispersion in Nanotube Composites, 5th International Conference on the Science and Application of Nanotubes (NT’04), San Luis Potosí, Mexico, July 19-24, 2004
14. Bergin S., Giordani S., Drury A., Fleming A., Mhuirheartaigh E.N., Coleman J.N. and Blau W., Carbon Nanotube Bundle Dissociation in Low Concentration Nanotube Composites, 1st Intel Ireland Research Conference, Leixlip, Ireland, Sept. 14, 2004
13. Bergin S., Giordani S., Mhuirheartaigh E.N., Drury A., Fleming A., Fonseca A., Nagy J.S., Coleman J.N., Blau W., Nanotube Dispersion in Nanotube Composites, Summer School in Molecular Nanotechnology, Copenhagen, August 16-21, 2004

12. Bergin S., Giordani S., Mhuirheartaigh E.N., Drury A., Fleming A., Fonseca A., Nagy J.S., Coleman J.N., Blau W., Nanotube Dispersion in Nanotube Composites, 5th Symposium on Supramolecular Chemistry in Ireland, Trinity College Dublin, March 19, 2004
11. Giordani S., Raymo F.M., A Three-State Molecular Switch: from Smart Solution to Functional Solids, 19^h IWEPNM, International Winter School on Electronic Properties of Novel Materials Euroconference Molecular Nanostructures, Kirchberg/Tirol, Austria, March 6-13, 2004
10. Giordani S., Raymo F.M., Digital Processing with a Three-State Molecular Switch, Abstracts of Papers 226th ACS National Meeting, New York, NY, Sept. 7-11, 2003, ORGN-436
9. Alvarado R.J., Giordani S., Cejas M.A., Raymo F.M., Memory Effects Based on Intermolecular Photoinduced Proton Transfer, Abstracts of Papers 226th ACS National Meeting, New York, NY, Sept. 7-11, 2003, ORGN-429 (selected for Science-Mix section)
8. Giordani S., Raymo F.M., White J.P., Williams D.J., Digital Processing with a Three-State Molecular Switch, Washington State University, Pullman, WA, July 27-August 3, 2003
7. Giordani S., Raymo F.M., White J.P., Williams D.J., Digital Processing with a Three-State Molecular Switch, Gordon Research Conference on Photochemistry, South Hadley, MA, July 20-25, 2003, P32
6. Giordani S., Raymo F.M., White J.P., Williams D.J., Digital Processing with a Three-State Molecular Switch, Alvin L. Kwiram Symposium on the Electrical, Optical, and Magnetic Properties of Organic and Hybrid Materials, University of Washington, Seattle, WA, June 23-25, 2003, P22
5. Giordani S., Raymo F.M., All-Optical Processing with Molecular Switches, Abstracts of Papers 225th ACS National Meeting, New Orleans, LA, March 23-27, 2003, Material Devices and Switches ORGN-690
4. Giordani S., Raymo F.M., Multichannel Digital Transmission in an Optical Network of Communicating Molecules, Abstracts of Papers 224th ACS National Meeting, Boston, MA, Aug. 18-22, 2002, ORGN-484 (selected for Science-Mix section)
3. Raymo F.M., Giordani S., Digital Processing with Molecular Switches, Gordon Research Conference on Electron Donor-Acceptor Interactions, Newport, RI, Aug. 11-16, 2002
2. Giordani S., Raymo F.M., Signal Communication at the Molecular Level, Abstracts of Papers 223rd ACS National Meeting, Orlando, FL, Apr. 7-11, 2002, ORGN-311
1. Giordani S., Raymo F.M., Signal Processing and Communication at the Molecular Level, Abstracts of Papers 9th Foresight Conference on Molecular Nanotechnology, Santa Clara, CA, Nov. 9-11, 2001