Invited Seminars (47)

1. **University of Sheffield**, UK, July 9, 2012, host: Maurice Skolnick
   "Microspherical Photonics: From Nanojets to Resonant Light Pressure and Optical Super-Resolution Effects"
2. **LTM-CNRS**, Grenoble, France, June 20, 2011, host: David Peyrade
   "Microsphere Circuits for Photonics and Biomedical Applications"
3. **West Virginia University**, Morgantown, October 22, 2010, host: Alan Bristow
   "Fundamentals and Applications of Microsphere Resonator Arrays"
4. **Boston University,** Boston, July 5, 2010, host: Luca Dal Negro
   "Fundamentals and Applications of Microsphere Resonator Arrays"
5. **Walter Schottky Institute,** Munich, July 2, 2010, host: Jonathan Finley
   "Microsphere Resonator Arrays for Photonics and Biomedical Optics Applications"
6. **Institute Fresnel, Aix-Marseille University,** Marseille, France, June 24, 2010, host: N. Bonod
   "Microsphere Resonator Arrays for Photonics and Biomedical Optics Applications"
7. **University of Paris XI, Institute of Fundamental Electronics**, , June 23, 2010, host: A. Lupu
   "Microsphere Resonator Arrays for Photonics and Biomedical Optics Applications"
8. **Georgia State University**, Department of Physics and Astronomy, Atlanta, October 6, 2009, host: M.I. Stockman
   "Integrated Microsphere Resonator Arrays: Optical Transport and Focusing Effects"
9. **Missouri University of Science and Technology**, Physics Department, Rolla, April 30, 2009, host: A. Yamilov
   "Optical Transport Phenomena in Coupled Spherical Cavities"
10. **University of Georgia**, Department of Physics and Astronomy, Athens, March 5, 2009, host: P.C. Stancil
    "Mesoscopic Optical Transport in Coupled Microspheres"
11. **University of Wisconsin-Milwaukee,** Physics Department, Milwaukee, WI, October 31, 2008, hosts: V.V. Yakovlev/V. Raicu
    "Mesoscale Photonics: Novel Optical Properties and Applications of Coupled Spherical Microresonators"
12. **Virginia Tech,** Mat. Science and Engineering, Blacksburg, VA, October 17, 2008, host: L.V.Asryan
    "Mesophotonics: Novel Optical Effects in Coupled Microspheres"
13. **European Laboratory for Nonlinear Spectroscopy (LENZ)**, Florence, July 5, 2007, host: M. Gurioli
    "Optical Transport Phenomena in Coupled Spherical Cavities".
14. **University of St. Andrews,** School of Physics and Astronomy, UK, July 3, 2006, host: T.F. Krauss
    "Photonic Integrated Circuits Formed by Optically Coupled Spherical Cavities".
15. **CoreCom Company affiliated with Politecnico di Milano and Pirelli,** Milan, Italy, June 28, 2006, host: A. Melloni
    "Circuits of Optically Coupled Microspheres with Whispering Gallery Modes for Photonic Applications".
16. **University of Pavia**, Department of Physics, Pavia, Italy, June 27, 2006, host: L.C. Andreani
    "Circuits of Optically Coupled Spherical Cavities with Ultra High Quality Whispering Gallery Modes for Photonics Applications".
17. **University of Southampton,** School of Physics and Astronomy, UK, June9, 2006, host: J.J. Baumberg
    "Optical Transport Properties of Circuits of Coupled Spherical Cavities".
18. **University of Dortmund,** Department of Physics, Germany, June 2, 2006, host: U. Woggon
    "Photonic Integrated Circuits Formed by Optically Coupled Spherical Cavities".
19. **University of Sheffield,** Department of Physics and Astronomy, May 17, 2006, host: M.S. Skolnick
    "Integrated Circuits of Coupled Microspheres for Optoelectronics Applications".
20. **Norfolk State University**, Material Science Research Seminar Series, VA, USA, September 2, 2005, host: M.A. Noginov
    "Photonic Integrated Circuits Formed by Coupled Ultra High-Q Spherical Cavities"

21. Duke University, (Fitzpatrick Center), NC, USA, November 10, 2004, host: D. Brady
"Photonic Molecules and Crystals formed by Spherical Dielectric Atoms"

22. Clemson University, (Center for Opt. Mater. Sci. & Eng. Technol.), SC, USA, August 15, 2002, host: J. Ballato
"Optical Properties, Band Structure and Light-Matter Coupling in Photonic Crystals".

23. University of North Carolina at Charlotte (Optoelectronics Center), NC, USA, March 19, 2002, host: M. Fiddy
"Optical Properties, Band Structure and Light-Matter Coupling in Photonic Crystals".

24. University of Pavia, Department of Physics, Pavia, Italy, October 9, 2001, host: L.C. Andreani
"Optical Properties, Band Structure and Light-Matter Coupling in Photonic Crystals".

25. University of Bath, Department of Physics, Bath, UK, July 3, 2001, host: P.St.J. Russell
"Photonic Crystals: Optical Properties, Band Structure and Light-Matter Interactions".

26. Research Center COM, Technical University of Denmark, Lyngby, Denmark, May 4, 2001, host: J.M. Hvam
"Modern Optics of Photonic Crystals".

27. Queens College of City University of New York, Flushing, NY, USA, April 20, 2001, host: A.Z. Genack
"Photonic Bandgap Materials".

28. University of North Carolina at Charlotte, Charlotte, NC, USA, March 30, 2001, host: F. Farahi
"Synthetic Opals and Semiconductor Photonic Crystals".

29. Worcester Polytechnic Institute, Worcester, Massachusetts, USA, March 19, 2001, host: T.H. Keil
"Modern Optics of Photonic Crystals".

30. Oregon State University, Corvallis, Oregon, USA, host: D.H. McIntyre
"Semiconductor Photonic Crystals", March 1, 2001
"Photonic Crystals and Synthetic Opals", February 28, 2001

31. University of Cincinnati, Cincinnati, Ohio, USA, host: L.M. Smith
"The Magical World of Photonic Crystals", February 26, 2001

32. Optical Switch Corporation – HLS Division, Bedford, Massachusetts, USA, July 26, 2000, host: G. Sonek
"Photonic Crystals and their Applications"

33. Optical Switch Corporation, Richardson, Texas, USA, July 28, 2000, host: G.P. Nabhan
"Photonic Crystal Waveguides"

34. University of Edinburgh, Dep. of Physics and Astronomy, Edinburgh, UK, May 16, 2000, host:P.N. Pusey
"Photonic Crystals, Control of Photons and their Interaction With Matter" (with M.S. Skolnick)

35. University of Exeter, Dep. of Physics, Exeter, UK, February 18, 2000, host: W.L. Barnes
"Band Structure Effects in Optical Properties of Photonic Crystals: Photonic Waveguides and Synthetic Opals"

36. Cavendish Laboratory, Cambridge, UK, November 9, 1999, host: R.T. Phillips
"Optical Spectroscopy of Photonic Crystals: Semiconductor Patterned Waveguides and Synthetic Opals"

37. Clarendon Laboratory, University of Oxford, UK, April 1999, host: M. Campbell
"Optical Properties of Novel Photonic Microstructures: Opals and Photonic Crystal Waveguides"

38. University of Utah, Salt Lake City, USA, January 11, 1999, host: Z.V. Vardeny
"Spectroscopy of Novel Photonic Microstructures"

39. International Winter School on Semiconductor Physics organised by A.F.Ioffe Institute, Zelenogorsk, Russia, March 1-5, 1997, Abstracts, p.2 (invited lecture)
"Three Dimensional Photonic Crystals"

40. Instituto Metodologie Avanzate Inorganishe, Roma, Italy, December 1996, host: A. D'Andrea
"Reflectance Spectroscopy of Heavily Doped P-Type GaAs/AlGaAs QWs"

41. University of Sheffield, Dep. of Phys. and Astronomy, Sheffield, UK, Nov. 1996, host: M.S. Skolnick
"Synthetic Opals – Photonic Crystals for Visible Light"

42. University of Glasgow, Dep. of Electronics and El. Engin., Glasgow, UK, November 1996, host: R.M. De La Rue

"Photonic Band Structure of Synthetic Opals"

43. A.F.Ioffe Institute Seminar on Low-Dimensional Structures, March 1995, host E.L.Ivchenko
"Photonic Crystals" and "Photonic Band Gap Effect in Synthetic Opals"

44. University "La Sapienza", Physics Department, Roma, Italy, May 1994, host: A. Frova
"Photoinduced Charge Build-up Processes in Structures with Near-Surface GaAs/AlGaAs Quantum Wells"

45. Instituto Metodologie Avanzate Inorganishe, Roma, Italy, May 1994, host: A. D'Andrea
"Photoluminescence Properties of Near-Surface GaAs/AlGaAs Quantum Wells"

46. Max-Planck-Institute, Stuttgart, Germany, April 1993, host: W.W. Ruhle
"Surface Quantum Wells as a Photoluminescence Probe of Near-Surface Electric Field"

47. University of Stuttgart, IV Physical Institute, Stuttgart, Germany, April 1993, host: H. Schweizer
"Optical Spectoscopy of Near-Surface GaAs/AlGaAs Quantum Wells"