

Invited Seminars (37)

1. **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”
2. **Virginia Tech**, Materials Science and Engineering, Blacksburg, VA, October 17, 2008, host: L.V.Asryan
“Mesophotonics: Novel Optical Effects in Coupled Microspheres”
3. **European Laboratory for Nonlinear Spectroscopy (LENZ)**, Florence, July 5, 2007, host: M. Gurioli
“Optical Transport Phenomena in Coupled Spherical Cavities”.
4. **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”.
5. **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”.
6. **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”.
7. **University of Southampton**, School of Physics and Astronomy, UK, June 9, 2006, host: J.J. Baumberg
“Optical Transport Properties of Circuits of Coupled Spherical Cavities”.
8. **University of Dortmund**, Department of Physics, Germany, June 2, 2006, host: U. Woggon
“Photonic Integrated Circuits Formed by Optically Coupled Spherical Cavities”.
9. **University of Sheffield**, Department of Physics and Astronomy, May 17, 2006, host: M.S. Skolnick
“Integrated Circuits of Coupled Microspheres for Optoelectronics Applications”.
10. **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”](#)
11. **Duke University**, (Fitzpatrick Center), NC, USA, November 10, 2004, host: D. Brady
[“Photonic Molecules and Crystals formed by Spherical Dielectric Atoms”](#)
12. **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”.
13. **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”.
14. **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”.
15. **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”.
16. **Research Center COM, Technical University of Denmark**, Lyngby, Denmark, May 4, 2001, host: J.M.Hvam
“Modern Optics of Photonic Crystals”.
17. **Queens College of City University of New York**, Flushing, NY, USA, April 20, 2001, host: A.Z. Genack
“Photonic Bandgap Materials”.
18. **University of North Carolina at Charlotte**, Charlotte, North Carolina, USA, March 30, 2001, host: F.Farahi
“Synthetic Opals and Semiconductor Photonic Crystals”.

19. **Worcester Polytechnic Institute**, Worcester, Massachusetts, USA, March 19, 2001, host: T.H.Keil
“Modern Optics of Photonic Crystals”.
20. **Oregon State University**, Corvallis, Oregon, USA, host: D.H.McIntyre
“Semiconductor Photonic Crystals”, March 1, 2001
“Photonic Crystals and Synthetic Opals”, February 28, 2001
21. **University of Cincinnati**, Cincinnati, Ohio, USA, host: L.M.Smith
“The Magical World of Photonic Crystals”, February 26, 2001
22. **Optical Switch Corporation – HLS Division**, Bedford, Massachusetts, USA, July 26, 2000, host: G.Sonek
“Photonic Crystals and their Applications”
23. **Optical Switch Corporation**, Richardson, Texas, USA, July 28, 2000, host: G.P.Nabhan
“Photonic Crystal Waveguides”
24. **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)
25. **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”
26. **Cavendish Laboratory**, Cambridge, UK, November 9, 1999, host: R.T.Phillips
“Optical Spectroscopy of Photonic Crystals: Semiconductor Patterned Waveguides and Synthetic Opals”
27. **Clarendon Laboratory**, University of Oxford, UK, April 1999, host: M.Campbell
“Optical Properties of Novel Photonic Microstructures: Opals and Photonic Crystal Waveguides”
28. **University of Utah**, Salt Lake City, USA, January 11, 1999, host: Z.V.Vardeny
“Spectroscopy of Novel Photonic Microstructures”
29. **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”
30. **Instituto Metodologie Avanzate Inorganiche**, Roma, Italy, December 1996, host: A.D’Andrea
“Reflectance Spectroscopy of Heavily Doped P-Type GaAs/AlGaAs QWs”
31. **University of Sheffield**, Dep. of Physics and Astronomy, Sheffield, UK, November 1996, host: M.S.Skolnick
“Synthetic Opals – Photonic Crystals for Visible Light”
32. **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”
33. **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”
34. **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”
35. **Instituto Metodologie Avanzate Inorganiche**, Roma, Italy, May 1994, host: A.D’Andrea
“Photoluminescence Properties of Near-Surface GaAs/AlGaAs Quantum Wells”
36. **Max-Planck-Institute**, Stuttgart, Germany, April 1993, host: W.W.Ruhle
“Surface Quantum Wells as a Photoluminescence Probe of Near-Surface Electric Field”
37. **University of Stuttgart, IV Physical Institute**, Stuttgart, Germany, April 1993, host: H.Schweizer
“Optical Spectroscopy of Near-Surface GaAs/AlGaAs Quantum Wells”