

LIST OF TALKS
Dr Stanko S. Tomić

- [1] **S. Tomić** “Electronic and Optical Properties of Dilute Nitrogen Quantum Dots”, Centre for Electronic Devices and Materials, Sheffield Hallam University, UK, 9 October 2006 (invited seminar)
- [2] **S. Tomić** “Electronic and Optical Properties of Dilute Nitrogen Quantum Dots”, The Lord Rank Prize Funds, Symposium on Dilute Nitride Semiconductor Materials and Optoelectronic Devices, Storrs Hall Hotel, Windemere, Cumbria, UK, 26-28 June 2006 (invited talk)
- [3] **S. Tomić** “Electronic Structure of the Dilute Nitrogen Quantum Dots”, Advanced Technology Institute, University of Surrey, Guildford, UK, 9 June 2006 (invited seminar)
- [4] **S. Tomić** “Electronic Structure of the Dilute Nitrogen Quantum Dots”, Dilute nitrogen GaInNAs material: physics and devices one day meeting, special session of the Semiconductor and Integrated Optoelectronics Conference (SIOE '06), University of Cardiff, UK, 10 April 2006 (oral presentation)
- [5] **S. Tomić** “Electronic Structure of the Dilute Nitrogen Quantum Dots”, Tyndall National Institute, Cork, Ireland, 27 February 2006 (invited seminar)
- [6] **S. Tomić** “Electronic Structure of the Dilute Nitrogen Quantum Dots”, London Centre for Nanotechnology, University College London, UK, 2 December 2005 (invited seminar)
- [7] **S. Tomić**, “Band structure of the InGaAsN/GaAs(N) quantum dots by 10-band $\mathbf{k}\cdot\mathbf{p}$ theory”, 5th International Conference of Numerical Simulation of Optoelectronic Devices (NUSOD '05) 19-23 September 2005, Berlin, Germany, (oral presentation)
- [8] **S. Tomić**, B.G. Searle and A. Wander, “Status report on DL_EXCURV software”, XAS User Group Meeting 2005, University of Warwick, Coventry, UK (invited talk)
- [9] **S. Tomić**, “Novel quantum structures for optoelectronic devices: dilute nitrides”, CCLRC Daresbury Lab.- Institute Vinca, Video-Link, Daresbury, UK, 16 December 2004 (invited seminar)
<http://www.vin.bg.ac.yu/Seminari/Nanotehnologija/Stanko%20Tomic/>
- [10] **S. Tomić** “Band structure and laser characteristics of the Ga(In)NAs/GaAs QWs: the theory vs. experiment”, The 20th General Conference of the Condensed Matter Division, European Physical Society, Prague 19-23 July 2004, Czech Republic (invited talk)
- [11] **S. Tomić** and E. P. O'Reilly, “An analytical two-band model for conduction band dispersion and confinement energy in Ga(In)NAs/GaAs quantum well structures”, Condensed Matter and Materials Physics Conference CMMP 2003, 6-9 April 2003, Belfast, Northern Ireland, UK (oral presentation)
- [12] **S. Tomić** “(Ga, In)(As, N): material properties and laser performances”, Department of Physics and Material Sciences Centre, Philipps-University Marburg, Marburg, Germany, 4 October 2002 (invited seminar)
- [13] **S. Tomić**, R. Fehse, S. A. Choulis, E.P. O'Reilly, A.R. Adams, S.J. Sweeney, A.D. Andreev, T.J.C. Hosea and H. Riechert, “Experimental and Theoretical Analysis of the Recombination Processes in GaInNAs 1.3 μm Lasers”, 18th IEEE International Semiconductor Laser Conference, Garmisch-Partenkirchen, Germany, Sep./Oct. 2002, (oral presentation)
- [14] **S. Tomić** “Gain Optimization in Optically Pumped Unipolar Quantum Well Lasers”, Institute of Microwaves and Photonics, School of Electronic and Electrical Engineering, University of Leeds, UK, 12 November 2001 (invited seminar)
- [15] **S. Tomić** “Band structure and gain characteristics of ideal dilute nitride quantum well lasers”, Department of Electronic Systems Engineering, University of Essex, UK, 26 September 2001 (invited seminar)

- [16] **S. Tomić**, V. Milanović and Z. Ikonić, “Gain Optimization in Optically Pumped Unipolar Quantum Well Lasers”, Mid infrared (MIR) Network, 5 July 2001, University of Surrey, Guildford, UK, (oral presentation)
- [17] **S. Tomić**, “Electrodes in the central region of the VINCY Cyclotron”, Workshop on the Magnetic Field and Ion Beam Dynamics of the VINCY Cyclotron, Joint Institute of Nuclear Research, Dubna, Russia, 11-15. March 1996, (oral presentation)

To be held

- [18] **S. Tomić** “Electronic and Optical Properties of Dilute Nitrogen Quantum Dots”, School of Electronic and Electrical Engineering, University of Leeds, UK, DTBA (invited talk)