

People & Contacts

[listed in alphabetical order]

Dr. Stas Burek

Stas Burek has MSc and PhD degrees in solar energy from Cranfield Institute of Technology (UK). He is currently a Senior Lecturer in the School of the Built and Natural Environment at Glasgow Caledonian University, where he teaches energy management, energy technology and renewable energy to undergraduate and postgraduate students. As an engineer, he has helped to develop innovative interdisciplinary educational programmes relating to energy technology, environmental science and the associated social, legal and economic issues. He is the Treasurer for the Scottish Solar Energy Group and a member of the committee of the UK section of the International Solar Energy Society (UK-ISES). He has contributed to various discussion forums on the Energy White Paper, the Scottish Renewable Energy Policy and other such issues. Stas's principal research interests are in the use of renewable energy, particularly in buildings, and are particularly keen that the energy should be part of any debate on environmental issues.

Dr. Claudio Comoglio

Assistant Professor in Applied Ecology at Politecnico di Torino, Land, Environment and Geo-Engineering Department (DITAG). MSc and PhD in Environmental Engineering at Politecnico di Torino. His researches deal with innovative application of environmental management systems according to ISO 14001 and EMAS requirements (with particular regard to Local Authorities and protected areas) and ecohydraulics (environmental compatibility of dams and weirs, environmental flow, fish passes).

Dr. Maja Djurović - Petrović

Dr. Maja Djurović - Petrović is Research Fellow, employed at the Ministry of Science and Environmental Protection of the Government of the Republic of Serbia. She has had 15 years of teaching experience in higher education. Since January 2003, Maja has been employed at the Ministry of Science and Environmental Protection, as a Minister Counselor for energy technologies. She led the National Program for Energy Efficiency, which comprises the

Development Program of Energy Efficiency of Building Structures as one of the 9 programmes that have been active since 2001. Also, she is active as a member of the Serbia and Montenegro Thermal Engineering Association and the President of the Renewable Energy Sources Board of the Serbian Energy Association.

Dr. Dragan J. Gavrilović

Dr. Dragan J. Gavrilović, was born in 1948, Serbia. He graduated from the Faculty of Civil Engineering and Architecture, University of Nis at Department of architecture, architecture and construction division. After his graduation, he worked in direct building practice for several years. In 1980, he moved to the Faculty of Civil Engineering and Architecture as an assistant trainee. He took a Master degree in the field of Solar Architecture – application of passive solar systems in architecture. He defended his PhD degree in the area of Bioclimatic architecture. He has kept lecturing the courses in: Architectural construction I, Architectural construction II, and Building construction. At the University of Pristina-Kosovska Mitrovica, he has kept lecturing the courses in: Architectural construction I, Architectural construction II, and Basic Ecology Engineering and Bioclimatic architecture. He has authored or coauthored more than 80 research papers. His research interests include design of passive solar systems in architecture, bioclimatic design and some energy influences in working and recreation spaces. He is an Associate Professor at the University of Nis at present.

Professor Gradimir Ilić

Gradimir is a Full Professor at the Faculty of Mechanical Engineering, University of Nis. He became MSc in 1980 and PhD in 1984. His current functions are: Head of the Thermal Engineering Department at the Faculty of Mechanical Engineering in Nis; Head of a Research Team in the Field of Heat Transfer Processes in Heat Exchangers; Head of CFD Center, DAAD-Project 2000-2003; Coordinator of several national industrial projects and coordinator of projects financially supported by the Serbian Ministry of Science and Environmental Protection. Professional activities are lectures in the Heat Transfer, Measurements in Heat Transfer. His scientific fields of work are numerical and experimental heat and mass transfer, and computational fluid dynamics applied to heat exchange processes, turbulent models. Gradimir is a member of the Society of Thermal Engineers of Serbia and Montenegro. Ilić is author of over 90 publications and reports as well as of one textbook.

Professor Djordje G. Kozić

Djordje Kozić is a Full Professor at the Faculty of Mechanical Engineering, University of Belgrade. Currently, he is the Head of Thermomechanics Department and the Head of the Center for Theoretical and Applied Thermomechanics and Combustion at the Faculty of Mechanical Engineering in Belgrade and lecturer of Thermodynamics and Heat & Mass Transfer. At the same time, he is engaged as a part-time professor at the Faculty of Design, as a lecturer of Bionics in Design and Scientific Principles in Design. He has been supervisor and examiner of about 100 diploma theses, 15 master's theses, 3 doctoral theses. He cooperates with the Institute for Materials of Serbia, the European Center for Peace and Development, the Mechanical Faculty in Maribor (Slovenia), the Technical University in Budapest and the Cyprus Cement Company, Ltd. in Limassol. Also, he participated in several projects supported by the Republic Ministry of Science and Environmental Protection. He is a member of commission for measuring techniques at the Institute for Measures and Precious Metals as well as a member of the Board of Editors and Deputy Head Editor of "MF Transactions" journal published by the Faculty of Mechanical Engineering in Belgrade and a member of the Board of Editors of "Termotehnika" (i.e. HVAC) journal.

Dr. Dejan Mumović (Project Coordinator)

Dejan is a Research Fellow at the Bartlett, University College London. He graduated in Mechanical (Thermal) Engineering from the University of Belgrade, Serbia and Montenegro. His education included MSc in Energy and Environmental Management and a PhD in Built Environment Engineering from Glasgow Caledonian University, Scotland. Dejan's current research projects have mainly been in the area of building operational performance in particular ventilation, air movement, and air quality within buildings supporting the building regulation research programme for England and Wales. In addition, Dejan has been able to concentrate on environmental impact assessment of traffic-related pollution in complex built environments (air quality management areas) using monitoring and advanced modelling techniques. Apart from the British Government, he has contributed to reports delivered to the Scottish Executive, English Heritage, The National Trust and various commercial organizations. Dejan co-authored more than 30 papers published in international peer-reviewed journals and conference proceedings. His extensive hands-on experience in the

Serbian, Scottish and English higher education systems has placed him well to act as the Project Coordinator to GLOBE project.

Professor Zoran Nikezić

Zoran was born in Belgrade in 1948. Became PhD in Architecture, in the field of Human needs in urban environment in Belgrade in 1991, MSc in Architecture, in the field of housing in Belgrade in 1986, Ing. of Architecture in Belgrade in 1973. Currently, he is an Associate Professor at the Faculty of Architecture of the Belgrade University, Chair of Urban Planning and Design, (member of staff since 1976).

- Teaching: First year introductory course in urban environment studies, third year urban design studio, post graduate studies in cultural aspects of the built environment, contemporary context of architecture urbanism and construction in PhD course.
- Research: Housing, Planning between strategy and implementation, Planning and building legislative, social and cultural aspects of planning and urban design.
- Special interest: Teaching curriculum and methods, Political aspects of the built environment, Urban design, Built environment and culture.
- Other: Experience in expert and executive functions in the City government (member of the City Executive Council in 1996/2000). He is a member of the Planning Board of the Belgrade City Council in the period of 1996/2000 and 2002/2005 and a member of the Expert Council of the Belgrade Town Planning Institute (since 2001). He was the Dean of the Faculty of Architecture of the Belgrade University (2002/2004). He has a great experience in numerous activities concerning education of architects, school curriculum, and research as a part of the teaching process, and has numerous international contacts in the field of architectural education and practice of licensed architects.

Professor Tadj Oreszczyn (Grant Applicant)

Tadj Oreszczyn is the Professor of Energy and Environment and Director of the Bartlett School of Graduate Studies. From 1992-99, Tadj was the Director of the Energy Design Advice Scheme (EDAS) Regional office based at the Bartlett. The scheme advised on over 1,200 building projects and identified more than £17 million per year in energy savings. Current research interests include energy efficiency, indoor air quality, light and lighting, building related health problems and internal environment within historic buildings. He has

undertaken detailed monitoring and modelling of micro-environments, including cold bridges, leading to the development of a simplified model to predict the risk of mould growth in dwellings. He is currently involved in a DEFRA-funded project to evaluate the health impact of Warm Front (formally HEES). This project involves detailed monitoring of temperature and relative humidity in 1,500 bedrooms across England, before and after energy efficiency and heating system improvements. Apart from the research projects currently undertaken for the ODPM Building Regulations Division (under Building Operational Performance Framework), most relevant to this research proposal is that he is currently developing a socio-technical model of energy use in buildings applicable at national, regional, city and community. This research has been undertaken as a part of CaRB Project, a major project funded under the EPSRC Carbon Vision Research Programme.

Dr. Žarko Stevanović

Dr Žarko Stevanović is a Senior Research Fellow, employed in Vinca Institute of Nuclear Sciences, Laboratory for Thermal Engineering and Energy, as well as an invited lecturer of postgraduate studies at the Faculty of Mechanical Engineering, University of Belgrade. He has over twenty years experience of working in the field of numerical and experimental investigation of turbulence, applied computational fluid dynamic in thermal comfort and air quality management, pollutions environment modelling and wind meteorology. Currently, he is the Head of the Center of Computational Heat, Momentum and Mass Transfer, and is active as a member of the Council of Serbia and Montenegro Processing Association, member of the Serbia and Montenegro Thermal Engineering Association and the Vice-president of the Renewable Energy Sources Board of the Serbian Energy Association. He has published over sixty papers in major Serbian and international journals and conferences, particularly relating to the numerical and experimental investigation of turbulent flows, combustion in industrial boilers, process industry, HVAC, pollutions environment modelling and wind power assessment of Serbia. Also, he has been project manager of several projects funded by the Serbian Government and supervisor and examiner of several PhD theses in Serbia and abroad.