

DR DON PETKOV

SHORT RESUME

SUMMARY

Dr Doncho Petkov has taught at university level since 1987 and prior to that he worked in the IT industry for 9 years. He was tenured at ECSU in 2006, promoted to Full Professor (in 2007) and is the Coordinator of BIS at Eastern Connecticut State University (since 2004). Previously he was a Full Professor and Chair in MIS from October 1997 till January 2002 at the University of Natal, Pietermaritzburg which he joined in 1991. He has taught also at Montclair State University (visiting), the University of Zimbabwe and the University of Botswana (visiting). He is a senior associate editor for International Journal on Information technology and the Systems Approach (IJITSA, IGI Global), a co-editor in chief for International Journal on Computers, Signals and Systems (IJCSS) and is on the editorial boards of Systems Research and Behavioral Science (Wiley) and Scientific Inquiry. His papers have been published in Decision Support Systems, The Journal of Systems and Software, JITTA, Telecommunications Policy, Information Resources Management Journal, Kybernetes, JITCAR, International Journal on Technology Management, ISEDJ and elsewhere. His research interests and publications are in the area of software engineering, MCDM, IT management and organizational transformation through systems thinking. Dr Petkov has consulted on organizational learning and IT evaluation and strategy.

EDUCATION

PhD in Management and MIS, University of National and World Economy, Sofia, Bulgaria, January 1986; MSc in Technical Cybernetics, Technical University Brno, Czech Republic, 1978.

COURSES TAUGHT:

Systems Analysis and Design, Software Engineering, Database design, Systems Thinking, IS strategy, IS Applications, Business Process Reengineering and ERP, Management Information Systems, Programming, IS Management, Decision Making, Critical Systems Thinking, Decision Support Systems, Research Methodology, Digital Collaboration.

POSTGRADUATE SUPERVISION: Completed alone supervision of 2 PhD dissertations in South Africa and served as a member of two other doctoral dissertation committees in the USA and Brazil. Advised also 24 masters dissertations (about 80% of those were M Sc degrees by research). External examiner to 6 PhD dissertations and 13 masters theses.

RESEARCH INTERESTS

Dr Petkov's current research is in the area of Multicriteria Decision Making and Systems Thinking applied to software engineering, software development, IT and management problems. It covers diverse topics from Software Engineering, MIS, Community Informatics, Decision Making and Technology Management.

PUBLICATIONS OVERVIEW

His research has been reported in more than 92 refereed papers in journals, books or refereed conference proceedings and more than 100 other non-refereed papers and presentations. His papers have appeared in Decision Support Systems, The Journal of Systems and Software, Information Resources Management Journal, JITTA, The International Journal on Technology Management, International Journal on Information Technologies and The Systems Approach (IJITSA), Kybernetes, South African Computer Journal, The International Journal on Telecommunications Policy and Management, Journal on Information Technology Cases and Applications Research, South African Information Management Journal, Management Dynamics, South African Business Management Journal, Development South Africa, South African Journal of Higher Education and elsewhere. He has served as a program committee member or conference chair of over 20 conferences, and as a reviewer for a number of publications, conferences and for the National Science Foundation of South Africa. He chaired the Systems and IS track at the ISOOneWorld 2007 conference and is on the program committee for the International Digital Government Research Conference 2007 and also for the International Conference on Information Resources Management in 2008 in Canada. He has consulted on organizational learning, management strategy and IT evaluation and strategy to large companies and governmental organizations.

MEMBERSHIP OF PROFESSIONAL ORGANISATIONS AND SERVICE:

IEEE Computer Society, Association of Information Systems, International Society for Multicriteria Decision Making, Chair North American Working Group on OR and Complex Societal problems. Previously he was a member of Decision Sciences Institute, INFORMS, ORSSA, CSSA, UK Systems Society.

SERVICE TO THE UNIVERSITY

Dr Petkov is a member of the ECSU Assessment Committee, Faculty Development Committee, of the LAPC working groups on critical thinking and Information Literacy. He was a chair of the ECSU Honorary degree committee between 2004 and 2006. He is a member of the CSU Academic Computing Conference committee since 2004. He has participated also in various other committees at university and departmental level. While at the University of Natal he served on the IT steering committee between 1997 and 2001. Full resume can be found at his web site : <http://www.easternct.edu/personal/faculty/petkovd/index.html> .