


Information on the Lecturers of NKM School 2009

№	Country	Name and Contact Details	Photo	Short CV
Directors:				
1	Russian Federation	<p>KOSILOV Andrey</p> <p>International Atomic Energy Agency INIS & Knowledge Management Section P.O. Box 100A-1400 Vienna, AUSTRIA Tel.: +431 2600 22811 a.kossilov@iaea.org</p>		<p>A broad range of experience in nuclear education, training and engineering, including 18 years as the staff member of the International Atomic Energy Agency, 8 years as a deputy head of department responsible for the long term planning and implementation of programmes in nuclear field. Performed responsibilities of a nuclear power training specialist, an associate professor, lecturer, researcher and nuclear engineer. Duties have included knowledge management, nuclear engineering, safety applications, NPP control and engineering, long-term project planning and management, development of information technology applications.</p> <p>Particular areas of experience include: human resources development, knowledge management, configuration management, SAT-based training for NPP personnel, management of document development, software development, nuclear power plant instrumentation and control, human-machine interface issues, operator support systems for NPPs, control room systems design, computerization of operation and maintenance of NPPs, development of web applications.</p>

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Madiba Saidy was a Programme Coordinator at the World Nuclear University (WNU) on secondment from Atomic Energy of Canada Limited (AECL) and supported by the Canadian nuclear industry. He was the Canadian representative at this institution, as well as a Coordinator of the 2008 WNU Summer Institute leadership programme for young nuclear professionals.

Prior to that assignment, he was a Senior Research Scientist and the Head of the Surface Science Section of the Chalk River Laboratories of AECL. He was also involved in a multiyear joint research programme with a nuclear fuel modelling group at Commissariat à l'Énergie Atomique (CEA), France. He joined the INIS and the Nuclear Knowledge Management Section of the IAEA in 2008. Madiba has a PhD in Chemistry with a specialisation in Surface Science from the University of British Columbia in Vancouver, Canada..

2 Canada

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Claudio Tuniz earned his doctorate in physics at the University of Trieste, Italy, where he carried out research in nuclear physics from 1974 to 1980. He was a post-doctoral fellow at Rutgers University in New Jersey, USA, from 1981 to 1983. From 1991, he led the AMS group at the Lucas Heights Research Laboratories in Sydney. The world-class AMS centre developed under his leadership carried out research programmes in global climate change.

Later Tuniz became director of the Physics Division at Lucas Heights (1996-1999) and coordinated a broad spectrum of interdisciplinary research. He is fellow of the Australian Institute of Physics, member of the Italian Physical Society and of the Italian Association of Archaeometry. He is author and co-author of over 100 international journal and conference publications, including two books and several book chapters.

Tuniz started his work at ICTP in 2004 as special advisor to the director. Currently his main field of interest is the use of advanced physics methods in palaeoanthropology and human evolution.

3 Italy

Conference Lecturers:

AMBROSINI Walter

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BOYLES James E.

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Ed Boyles received his B.S. degree in Biology from the University of North Alabama in 1970. While working in the field of environmental health with the Public Health Agency of Alabama he continued his education with graduate work in the area of Biology. In 1979 he received a B.S. Degree in Civil Engineering from Mississippi State University. After receiving this degree he accepted a position in engineering with the Tennessee Valley Authority.

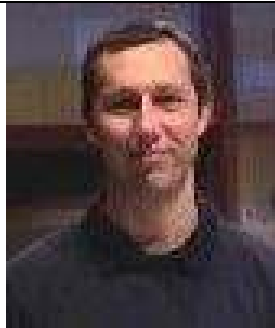
Ed worked for TVA for 26 years as an engineer and manager. During that time he was stationed at the Sequoyah and Watts Bar Nuclear Plants and beginning in 1991 the corporate office in Chattanooga, Tennessee. In the late 1990's he was instrumental in developing and implementing TVA approaches to address the aging work force and to retain critical knowledge. Since his retirement from TVA in 2005 he has been involved in over 25 IAEA projects (assist visits, workshops, technical meeting, etc.) primarily in the area of knowledge management.

4 USA

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Gary Cairns has a BSc in Physics and a Diploma in Management Consultancy. He has 30 years experience in the UK nuclear power industry. He specialities in Knowledge Management and the development of Management Systems to ISO 9001, 14001, 27001 and OHSAS 18001.

He is also experienced in project management, business process management and change management and has led many internal and external initiatives with blue chip organisations in both the private and public sector. These include KM maturity analysis, strategy development, IT tool deployment and the capture and transfer of tacit knowledge. Previous roles include

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Head of IT managing 40 staff in a large engineering consultancy company and Head of Management Systems in the same organisation.

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Mr. Petr Firbas joined the International Atomic Energy Agency after having worked nine years for the IAEA sister organization in Vienna, the Comprehensive Nuclear-Test-Ban Organization (CTBTO). He was the very first technical professional at the CTBTO and contributed to building this organization from its beginning to its shape today. While at the CTBTO, his focus was global monitoring of nuclear explosions; he was responsible for methods and approaches, including application software. He intensively worked with the Policy Making Organs and with representatives of States Signatories.

In the 90's he took part in the Treaty negotiations at the Conference of Disarmament in Geneva and, throughout his career, also gained his diplomatic experience and reached the rank of minister-counselor. For many years he had been involved in NPP safety work in his home country, having worked on different projects on material properties, components, site selections for new NPPs, and projects for nuclear waste disposal. He is a physicist by training, having among other degrees also a PhD in applications of nuclear physics.

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Serge Gorlin began his career in the nuclear industry as a translator and interpreter at British Nuclear Fuels in 1996. In 2005, he joined the World Nuclear Association - the global association of the nuclear industry - in London, where he runs the Transport Working Group and supports World Nuclear University programmes.

Serge is the author of a popular textbook for learners of English working in the nuclear field entitled Nuclear English. His areas of professional interest include transport, education and cross-cultural communication.

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Tatiana S. Karseka obtained her M.A. degree in International Business Administration at Vienna University of Economics and Business Administration, Austria. Her specialities were Entrepreneurship and Innovation and International Human Resource Management.

Since 2006 she is a consultant on Nuclear Knowledge Management in International Atomic Energy Agency. She has authored and co-authored a number of publications and made presentations on a broad range of topics including corporate ethics in nuclear industry and business, knowledge management, organisational culture and knowledge sharing – her recent research interest. Another field of expertise is management of Multi Media projects. From 2007 she is a member of the Union of Russian Journalists

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Andrey Pryakhin was born in Moscow, Russia in 1964. In 1987 he graduated from the Faculty of Automatics and Electronics, Moscow Engineering Physics Institute, Moscow (MEPhI) in nuclear engineering. He worked in MEPhI in the areas of personnel training including computer-based training and distance e-learning, quality management systems and information and communication technology. Andrey worked in IAEA since 2005.

He worked in the IAEA Programmes as IT specialist, Nuclear Information Specialist, Knowledge Management Specialist in INIS and Nuclear Knowledge Management Section of the IAEA. His main areas of interests are nuclear knowledge mining and knowledge transferring methodology and its application, nuclear power plant simulators for education, and fast reactor knowledge preservation for future generations.

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Anatoly Tolstenkov is a systems analyst and graduated from Moscow State University. He started his career in the Institute for High Energy Physics and was working in the area of strong interactions of elementary particles. He has a Ph.D. in nuclear physics and mathematics.

In 1986 his interest moved to the area of systems analysis and the development of nuclear information systems he did start working at the IAEA as a systems analyst. He was one of the key developers of the INIS Database on the Internet and the initiator of several IAEA digital preservation projects. He retired as the INIS Unit Head in 2008 but continued contributing in IAEA knowledge preservation activities as an expert. Anatoly Tolstenkov is the author of many publications in the areas of high energy physics, computer and information sciences.

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Yanko Yanev studied at the University of Sofia, taking MSc in Nuclear Chemistry and a PhD in Environmental Radiochemistry. For more than 20 years he developed an academic career as a professor in Nuclear Chemistry and Head of the Radiochemical Laboratory of the University of Sofia. In 1991 he was appointed Chairman of a Government Commission, which reviewed the nuclear power industry in Bulgaria. Other highlights include: President of the State Committee on the Use of Atomic Energy for Peaceful Purposes from 1991 to 1996 (the Bulgarian Atomic Energy Commission) and Vice Chairman of the IAEA's Board of Governors. He has acted as a senior energy consultant to the Bulgarian-Russian Investment Bank, and took up the post of Programme Liaison Officer in the Department of Nuclear Energy at the International Atomic Energy Agency (IAEA) in 1998. In 2001, he was appointed Section Head of the International Nuclear Information System (INIS) and has been the Agency's cross-cutting coordinator for Nuclear Knowledge Management since 2002.