

Prof. Aleksandr Ivakhnenko

- 25 years' experience in Oil & Gas Industry (UK, USA, Latin America)
- Adviser for Society of Petroleum Engineering (SPE)
- 2014-Present. Guest editor of the *Journal of Energy Procedia*. Elsevier Publishing. Netherlands
- 2011-Present. Guest editor of the *Journal of Computers & Geoscience, Energy Procedia*. Elsevier Publishing. Netherlands.
- 2010. **The cutting edge Research Recognition in the Oil and Gas Industry**. *Journal of Energy Review*. UK.
- 2007. **The Best Technological Publication Award in Oil and Gas Industry** (Society of Core Analysts, SCA). Published in *Petrophysics* 2008.
- 2006. **The Second Best Technological Publication Award in Oil and Gas Industry** (Society of Core Analysts, SCA). Published in *Petrophysics* 2008.
- 2006. **Recognition among the Top British Scientists and Engineers at the British Parliament, House of Commons. "SET for BRITAIN"**.
- 2004-Present. Guest editor of the *Journal of Petroleum Science and Engineering*, Elsevier Publishing.
- 2002. DAAD (German Academic Exchange Service) Fellowship Award.
- 2001. IREX (The International Research & Exchanges Board) & Carnegie Corporation Award.
- 1999. AAPG (American Association of Petroleum Geologist) Award.

EDUCATION

2010. Certificate in Academic Practice for Professorial Lectureship. United Kingdom

2001-2004. PhD in Petroleum Engineering and Reservoir Evaluation.
Institute of Petroleum Engineering, Heriot-Watt University, Edinburgh.

1993-1995. Postgraduate Certificate in Geophysics.
National University of Kiev.

1988-1993. BSc & MSc in Geological Engineering.
National University of Kiev.

TEACHING, RESEARCH & CONSALTANCY FOR OIL & GAS COMPANIES

2004–Present. Director of Research Centre for Petroleum Engineering and Petrophysics. Professor. Consultant. Oil ITF (Oil Industrial Technology Facilitator) Project Manager, Aberdeen. Integrated Petroleum Engineering Center, Edinburgh.

Teaching, research and management of about 8 projects in Petroleum Engineering, integrated petrophysical studies and modelling (North Sea-UK, USA, Latin America, Egypt, Far East, Russia, Kazakhstan etc). Development of novel techniques for formation evaluation and petroleum engineering in tight oil and gas reservoirs for the consortium of oil companies (*BG, BP, Chevron, Shell, and Total*). Consultant and Technical Editor in petrophysics and formation evaluation of up-to-date oil & gas development projects *Baltic Petroleum Oil Company (West Siberia, Russia); Hunt Oil Company (Offshore Black Sea gas and oil prospects, Ukraine); Maersk Oil Company (Caspian prospects); Buried Hill Energy Oil Company (Turkmenistan gas and oil fields); Gaz de France (Netherlands); Regal Petroleum Oil Company (Eastern Europe); Shell (Gas condensate fields, Ukraine)*. Supervisor of UK PhD and MSc students.

2000–2001. Head of the Training Geocentre.
National University of Kiev.

Organising of teaching programs and curriculum, organizing and running experimental and fieldwork for BSc and MSc students, administration. Preparation and delivering of lectures and tutorials for field work in Geology and Geophysics. Creation and development of the International Web Publishing Geodatabase 'EKOPORTAL'.

1997–2000. Lecturer. Executive Director and Coordinating Geoscientist of Petroleum Research Projects.

Department of Geophysics, National University of Kiev.

Preparation and delivering of lectures and tutorials in Petrophysics, BSc and MSc student supervision. President of the Student Research Society (SRS) of National University of Kiev. Scientific supervisor for the individual bachelor and master projects. Organizing and managing research projects in oilfields and ore deposits. Managing research team work in the field and the laboratory, research process monitoring, equipment maintenance, petrophysical data analysis, numerical modelling and obtaining technological solutions for clients to strict deadlines.

1994–1997. Executive Director of Research Projects, Research Associate in Petroleum Geology, Petrophysics and Formation Evaluation.
Geological Institute of National University of Kiev.

Managing research projects in oilfields and ore deposits. President of the Student Research Society (SRS) of National University of Kiev. Scientific supervisor for the individual bachelor and master projects.

ADDITIONAL PROFESSIONAL & TECHNICAL TRAINING

2006	Edinburgh Business School, UK	Project Management course
	Educational Development Unit, HWU	Teaching Skills course
2006,	Petrel-Schlumberger training program,	Advanced computer training course in 3D, 4D reservoir and seismic
2003	Edinburgh, UK	modeling. Reservoir property modelling
2002	Schlumberger British Training Center,	Production logging. Exercises in formation evaluation methods.
	United Kingdom	Formation tasting & sampling
1999	Ludwig Maximilian University, Germany	Extensive laboratory training as a petrophysicist
1998	Geoinform (Information geological fund of	Computer training course as a visualization officer for the
	Ukraine)	acquisition and visualization of 2D and 3D geodata

PROFESSIONAL MEMBERSHIPS

Society of Petroleum Engineers (SPE); European Association of Geoscientists & Engineers (EAGE);
European Geosciences Union (EGU); Aberdeen Formation Evaluation Society-UK (AFES)

PUBLICATIONS & PRESENTATIONS

About 110 published scientific papers and extended abstracts. Numerous presentations at professional conferences, invited speaker at Universities and International oil companies

AWARDS

2007	The Best Technological Publication Award.
2006	The Second Best Technological Publication Award.
2003	International press review of the research recognition and appreciation, the Netherlands & Canada
2001-2002	DAAD (German Academic Exchange Service) Fellowship Award to undertake research in petroleum fluid dynamics at the GeoForschungZentrum, Potsdam, Germany
2001	IREX (The International Research & Exchanges Board) & Carnegie Corporation Award for creation and development of the International Web Publishing 'EKOPORTAL' Geodatabase
1999	AAPG Award (American Association of Petroleum Geologist). Awarded grant for research on 'Magnetic mineralogical modelling techniques for oil and gas deposits'
1993	Diploma "The Best in Profession" awarded for the achievements in the National Geological Competition

COMPUTING SKILLS

PE packages: Standard modern petroleum engineering software packages e.g. Petrel, Eclipse, PetroMod, WellFlo
Programming: Visual C++, Borland Delphi, HTML
GIS technology: MapInfo, ArcInfo, ViewInfo
Statistical packages: SPSS, Statistics and Statgraphics
Other Computer Skills: Perfect knowledge of Excel, Microsoft Office Packages, Corel Draw and Photoshop

ADDITIONAL INFORMATION

Languages:

- English – fluent; Russian – fluent; German – intermediate

Other qualifications: UK and International driving licences