

EAGE

EUROPEAN
ASSOCIATION OF
GEOSCIENTISTS &
ENGINEERS



Existing Resources, New Horizons

Final Announcement



www.eage.org

29-31 October 2012, Almaty, Kazakhstan

Invitation to Kazakhstan



Dear colleagues,

It is my great pleasure and honour as Chairman of the advisory committee to welcome you all to the beautiful City of Almaty and the 2nd International Conference for Geoscientists and Engineers. The focus of this conference will not be on just one specific area but will cover all aspects of Geoscience. We continue

the success of the KazGeo 2010 conference. Kazakhstan is a wonderful country richly steeped in tradition and culture but also, a country richly endowed with minerals, gas and oils.

In this truly multi-disciplined forum we aim to bring you a programme of topics covering the complete spectrum of Oil and Gas Geoscience and Near Surface Science, for whatever your chosen area of expertise.

I look forward to meeting you at KazGeo 2012.

Dr Bulat Uzhkenov

Chairman of the Board, National Company Kazgeologia

About the event

After the first successful KazGeo event in Kazakhstan, the European Association of Geoscientists and Engineers (EAGE) would like to invite you to the Second International Conference 'KazGeo 2012'. The main theme of the 2012 conference will be 'Existing Resources, New Horizons'. This year the event will again take place in the city of Almaty on 29–31 October 2012. We are honoured to have as our chairman Dr Bulat Uzhkenov from the AO National Company Kazgeologia. Our goal is to attract around 200 local and international delegates from within the geosciences community, with a multi-disciplined programme covering the full range of geosciences to reflect the diverse and rich resources found in Kazakhstan.

This year KazGeo 2012 will offer two short courses, a student programme including a student lecture, oral & poster presentations, company displays, social programme, and a field trip.

During the conference there will be simultaneous English-Russian translation available for the oral sessions.

Venue

KazGeo 2012 will be held at the Rixos Hotel, which is located in the centre of Almaty near most of Almaty's highlights.

Rixos Almaty

506/99 Seifullina Avenue
Almaty, Republic of Kazakhstan

Conference Overview

Sunday 28 October

- 09:00 - 17:00 hrs Short course 1: EAGE Education Tour (EET) 6: Seismic Surveillance for Reservoir Delivery
- 09:00 - 13:00 hrs Short course 2: Fables and Reality of Deterministic and Geostatistical Inversions: Reservoir Characterization with Application of Different Inversion Techniques

Monday 29 October

- 09:00 - 10:30 hrs Opening
Philip Ringrose (*Vice-President-Elect EAGE*)
Dr Bulat Uzhkenov (*Chairman of the Board, National Company Kazgeologia*)
Keynote Speaker Mark Richards (*CGGVeritas*)
Keynote Speaker Nick Maden (*Statoil*)
- 11:00 - 17:15 hrs Oral presentations
- 17:15 - 19:00 hrs Student poster presentations
- 19:00 - 20:30 hrs Icebreaker reception (Premium Ballroom 1)

Tuesday 30 October

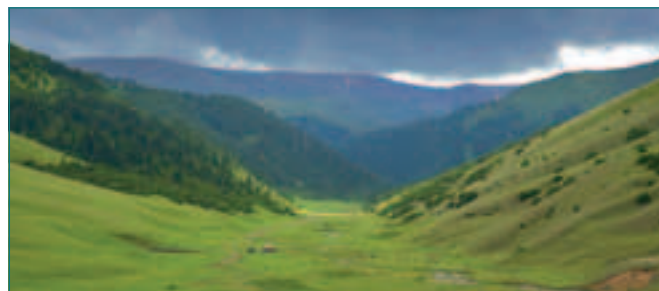
- 08:00 - 16:55 hrs Oral presentations
- 10:00 - 16:00 hrs Student programme (including a student lecture 'What Energy for the Future?')
- 17:15 - 19:00 hrs Poster presentations
- 20:00 - 23:00 hrs Conference dinner

Wednesday 31 October

- 08:00 - 16:55 hrs Oral presentations
- 17:15 - 19:00 hrs Poster presentations

Thursday 1 November

- 09:00 - 18:00 hrs Fieldtrip to the Charyn Canyon



Technical Programme

Oral presentations

Monday 29 October

Premium Ballroom 3	
OPENING	
09:00	Opening Philip Ringrose (Vice- President-Elect EAGE) Dr Bulat Uzhkenov (Chairman of the Board, National Company Kazgeologia) Keynote Speaker Mark Richards (CGGVeritas) Keynote Speaker Nick Maden (Statoil)
10:30	Break
METALLOGENY, ORE DEPOSITS & REGIONAL TECTONIC EVOLUTION AND SEDIMENTATION	
11:00	A001 - Porphyry Cu-Au/Mo Deposits of Central Eurasia - Geodynamics and Metallogeny - R. Seltmann* (Natural History Museum) & A. Dolgoplova (Natural History Museum)
11:25	A002 - Large-volume Gold Deposits of Central Asia and Kazakhstan, Geological Aspects and Potential - P.A. Mukhin (SRK Consulting (Kazakhstan) Ltd.) & M. Khakimzhanov* (SRK Consulting (Kazakhstan) Ltd.)
11:50	A003 - Historic and Genetic Fundamentals of Kazakhstan Sedimentary Basins Oil and Gas Potential - T.K. Paragulgov* (Tenge JV LLP) & K.K. Paragulgov (K.I. Satpayev Institute of Geological Sciences LLP)
12:15	A004 - Seismic Stratigraphy and Regional Prospectivity of the Offshore Extension of the South Mangyshlak and North Caspian - A.D. Okere* (CGGVeritas Services (UK) Ltd)
12:40	Lunch break
FUTURE DEVELOPMENT OF KAZAKHSTAN'S MINERAL RESOURCES I	
14:00	A005 - Shale Gas - S. Alghasi* (Islamic Azad University - Omidieh Branch), A. Khoshkhou (Islamic Azad University - Omidieh Branch) & H. Fatahi (Islamic Azad University - Omidieh Branch)
14:25	A006 - Estimation of CO₂ Minimum Miscibility Pressure for One of the Iranian Oil Reservoirs (Laboratory Study) - A. Vahidi* (R&T NIOC), M. Ahmadi (R&T OF NIOC) & A. Shahraki (R&T OF NIOC)
14:50	A007 - Selection of Control Criteria for Development of Oil Deposits with their Water Flooding Based on Reservoir Modelling - E. Razyapova* (TGT Oil and Gas services)
15:15	A008 - Estimating the Probable Range of Recovery from Miscible CO₂ Injection in Fractured Media by Experimental Design - S. Mirazimi* (University of Tehran), B. Rostami (University of Tehran) & M. Khosravi (National Iranian Oil Co.)
15:40	Break
FUTURE DEVELOPMENT OF KAZAKHSTAN'S MINERAL RESOURCES II	
16:00	A009 - Forecast Perspective of Oil and Gas Zones in Residual Soil - A.A. Chernov* (Pangea Inc.)
16:25	A010 - Pore Pressure Prediction in the Caspian and Kazakhstan Regions; Taking a Geological Approach - S.A O'Connor* (Ikon Science), R. Nadirov (Ikon Science), R. Swarbrick (Ikon Science), R. Lahann (Ikon Science) & A. Mallon (Ikon Science)
16:50	A011 - ENI New Drilling Technologies Provided in Kazakhstan - F. Ibragimov* (Agip Karachaganak B.V., Kazakhstan Branch) & M. Montanari (Agip Karachaganak B.V., Kazakhstan Branch)

Tuesday 30 October

Premium Ballroom 3	
DATA MANAGEMENT AND VISUALIZATIONS & GEOLOGICAL AND GEOPHYSICAL DATA INTERPRETATION, CASE STUDIES I	
08:00	B001 - Effective Porosity Modeling through the Use of Seismic Attributes in Hendijan Oilfield, Persian Gulf, Iran - A. Hashempour Charkhi* (Iranian Offshore Oil Company) & A. Kakhodaie Ilkhchi (Tabriz University)
08:25	B002 - Heterogeneity and Geophysical Methods - B.B. Musrepova* (Kazakh-British Technical University)
08:50	B003 - Geomatic Positioning in the Caspian Sea Region - F. Ibragimov* (Agip Karachaganak BV., Kazakhstan Branch) & M. Montanari (Agip Karachaganak BV., Kazakhstan Branch)
09:15	B004 - Fracture Characteristics of a Carbonate Platform, Kashagan Field, Kazakhstan - Y. Kabiye* (NCOC), D. Carpenter (ExxonMobil Upstream Ventures), M. Johns (ExxonMobil Development Company) & J. Collins (ExxonMobil Development Company)
09:40	Break
10:10	B005 - The Application of Multiple Realizations of Geostatistical Inversion for Supporting Geological Objectives. - K. Filippova* (Fugro-Jason)
10:35	B006 - The Usage of Geoinformation Technologies for Seismic Data Interpretation in Work Flows of Geostan, JSC - V. Morenko* (Geostan JSC)
11:00	B007 - Ants Tracking Application in Seismic Interpretation of Gas Reservoir Tied with the South Pars Field Data - S.M. SeyedAli* (Dana Geophysics Company), M.A. Salehi (Dana Geophysics Company), M.K. Ghassem-al-Askari (Petroleum University of Technology) & M. Kazami (Azad University)
11:25	B008 - Prediction of Petrophysical Properties from P-wave Seismic Data, Delhi Field, LA, US - A. B. Bibolova* (Colorado School of Mines)
11:50	Lunch break
DATA MANAGEMENT AND VISUALIZATIONS & GEOLOGICAL AND GEOPHYSICAL DATA INTERPRETATION, CASE STUDIES II	
13:15	B009 - Azimuthal(HTI) Anisotropy Parameters Evaluation in Downhole Microseismic Survey - S.V. Yaskevich* (Novosibirsk State University) & A.A. Duchkov (Institute of Petroleum Geology and Geophysics)
13:40	B010 - Detection of Reservoir Fractures Using Curvature Attribute, and Comparison with Similarity Attribute - R. Ghanati* (Institute of Geophysics), N. Abbasi (Institute of Geophysics) & M.A. Riahi (Institute of Geophysics)
14:05	B011 - Log Data Interpretation of the Bagenov Formation Interval - M.A. Pavlova* (IPGG SB RAS), K.V. Suhorukova (IPGG SB RAS) & V.N. Glinskih (IPGG SB RAS)
14:30	B012 - Detection and Monitoring of Petroleum Reservoir Mineral Deposits - A. Ivakhnenko* (Kazakh British Technical University)
14:55	Break
15:15	B013 - Shale Formations Deformation During Period of Field Development - A.V. Gorodnov (Gubkin Russian State University of Oil & Gas), V.N. Chernoglazov (Gubkin Russian State University of Oil & Gas) & O.P. Davydova* (Gubkin Russian State University of Oil & Gas)
15:40	B014 - Log Appliance in Detection of the Sequence Stratigraphic Zones and Facies Analysis of the Sediments - Kumkol Deposit, Kazakhstan - As a Case Study - S.A. Istekova* (Kazakh National Technical University), A.A. Baidaletova (CO Ltd iTastayi) & R.A. Mussayev (Kazakh-British Technical University)
16:05	B015 - Evaluation of Rock Properties and Rock Structures in the μ-range with sub-μ X-ray Computed Tomography - G. Zacher* (GE Sensing & Inspection Technologies GmbH), M. Halisch (Leibniz Institute for Applied Geophysics) & T. Mayer (GE Sensing & Inspection Technologies GmbH)
16:30	B016 - APERM - Permeability From Production Logs - S.D. Jenkins* (Tengizchevroil (TCO)), M. Sullivan (Chevron), D. Belanger (Chevron), M. Skalinski (Chevron) & I. Tussupbayev (TCO)

Premium Ballroom 2

CARBONATE RESERVOIRS - DEPOSITIONAL CONCEPTS, CHARACTERIZATION AND OIL RECOVERY

- 08:00** C001 - Deliverability of Ground Water Wells in Confined Aquifers of Fractional (Non-integer) Spatial Dimensions - T.A. Jelmert* (Norwegian University of Science & Technology)
- 08:25** C002 - Karachaganak Field - Lower Permian Integrated Reservoir Study - F. Ibragimov* (Agip Karachaganak BV, Kazakhstan Branch)
- 08:50** C003 - Carbonates Basins of the Caspian Depression - Geological Sedimentation Model - M.D. Murzagalievich* (Atyrau Institute of Oil and Gas)
- 09:15** C004 - Karachaganak Field - Lower Permian Modelling - F. Bigoni (eni e&p), C. Albertini (eni e&p), A. Francesconi (eni e&p), V. Tarantini (eni e&p), G. Tumbarello (eni e&p), F. Villa (eni e&p) & F. Ibragimov* (Agip Karachaganak B.V., Kazakhstan Branch)
- 09:40** Break
- 10:10** C005 - Seismic Geomorphology of Microbial-dominated Margin and Slope Environments around an Isolated Platform, Tengiz Field - S.L. Bachtel (Chevron Energy Technology Company), H. Posamentier (Chevron Energy Technology Company), T.E. Playton (Chevron Energy Technology Company), S. Jenkins (Tengizchevroil), E. Iskakov (Tengizchevroil), Z. Katrenov (Tengizchevroil), P. Mitch Harris (Chevron Energy Technology Company) & N. Tlepbergenov* (Tengizchevroil)
- 10:35** C006 - Interpretation of a Dextral Strike Slip Fault System for Fracture Prediction in the Kozhasay Field, Pre Caspian Basin - O. Klarner* (Klarenco), E. Khabibulin (Kazakh Oil) & A. Shestakov (Petroleum Geo-Services)
- 11:00** C007 - Fractures in Steep-rimmed Carbonate Platforms: Tengiz Reservoir, Kazakhstan and Outcrops in Canning Basin, NW Australia - W. Narr (Chevron Energy Technology Company) & E. Flodin* (Tengizchevroil)
- 11:25** C008 - Difficulties in Simulating Diffusive Flux in Matrix-fracture Model - M. Khosravi* (NIOC - IOR Research Institute), B. Rostami (University of Tehran) & S.A. Mirazimi (University of Tehran)
- 11:50** Lunch
- FIELD DEVELOPMENT, FIELD EXPLORATION & SEISMOLOGY, EARTHQUAKE FORECAST AND SEISMIC SAFETY, CASE STUDIES**
- 13:15** C009 - Late Miocene? Aktau Microbialites: an Exceptional Outcrop Analogue for Microbialite Reservoirs - E. Dujoncqoy* (Maersk Oil) & P. Magor (Maersk Oil)
- 13:40** C010 - Integrated Depositional Environments Characterization of the Nubian Sandstone Reservoirs, Southeast Sirt Basin, Libya - O. Sliman* (Libyan Petroleum Institute)
- 14:05** C011 - Integrated Project Management Team, Organization, and Human Resources for EOR Project in PERTAMINA - I.P. Suarsana* (PT Pertamina EP)
- 14:30** C012 - Experimental Study of Heterogeneity Effect on Strong Water Drive Gas Reservoirs - M. Rezaee* (University of Tehran, Faculty of Engineering)
- 14:55** Break
- 15:15** C013 - The Use of a Vertical Currents Sounding Method in Ore and Hydrocarbon Explorations - A.V. Zlobinskiy* (STC ZaVeT-GEO), B.P. Balashov (STC ZaVeT-GEO), V.S. Mogilatov (Institute of Petroleum Geology and Geophysics SB R) & V.V. Stogniy (STC ZaVeT-GEO)
- 15:40** C014 - Corporate Social Responsibility (CSR) and Social Risk Management - K. Skeidsvoll Lange* (Statoil ASA)
- 16:05** C015 - The Analysis of Seismic Processes Dynamics and the Tien Shan Strong Earthquakes Prediction - E. Mamyrov* (National Academy of Science of Kyrgyz Republic) & V.A. Mahanikova (National Academy of Science of Kyrgyz Republic)
- 16:30** C016 - Continuous Wavelet Transform and its Application in Analyzing Potential Field - K. Thinesh* (Indian School of Mines), K. Dhirendra (Indian School of Mines) & R. Vasanth (National College)

Wednesday 31 October

Premium Ballroom 3

NEAR SURFACE PROCESSES AND MONITORING

- 08:00** D001 - Geophysical Methods of Detection of Oil Contamination on the Example of Waste Disposal Site of Priobskoye Field - A.A. Ivanov* (Geotech) & M.P. Shirobokov (Geotech)
- 08:25** D002 - Groundwater Investigation in Hard Rock Using Remote Sensing and Geophysical Methods in an Area of Economic Trees Plantat - K. Wattanasen* (Prince of Songkla University), S. Arrykul (Prince of Songkla University) & W. Lohawijarn (Prince of Songkla University)
- 08:50** D003 - Advanced InSAR Techniques for Landslide Assessment at Regional and Local Scale - A. Tamburini* (Tele-Rilevamento Europa TRE s.r.l), S. Del Conte (Tele-Rilevamento Europa TRE s.r.l), L. Lopardo (Regione Emilia Romagna), C. Malaguti (Regione Emilia Romagna), M. Broccolato (Regione Valle d'Aosta), D.C.G. Martelli (IMAGED s.r.l.) & P. Vescovi (University of Parma)
- 09:15** D004 - Mechanical Earth Modeling of the Tengiz Field - N. Tlepbergenov* (Tengizchevroil (TCO)), E. Flodin (Tengizchevroil (TCO)), T. Buchmann (Chevron) & P. Connolly (Chevron)
- 09:40** Break
- SEISMIC ACQUISITION AND PROCESSING, CASE STUDIES I**
- 10:10** D005 - A Survey Design Case History Using Complimentary Ray-Tracing and Wavefield Extrapolation Techniques - P. J. Christian* (Maersk Oil), T. Pringle (Primeline Energy Holdings), L. Zuehlsdorff (Norsar), A. Drottning (Norsar), G. Brown (WesternGeco) & B. Webb (WesternGeco)
- 10:35** D006 - HyperBeam - an Iterative and Interactive Tool for Velocity Model Building for PSDM - A. Pankov* (PGS (Kazakhstan) LLP), K. Sherwood (Petroleum Geo-Services, Inc) & W. Smith (Falcon Oil & Gas, LTDi LLP)
- 11:00** D007 - Advanced PSDM WEM and RTM Imaging - in the Pre-Caspian Region - N.E. Shevelyova (Petroleum Geo Services LLP), O.P. Faterina (Petroleum Geo Services LLP), N. Chemingui* (PGS Americas Inc.), L. Lemaistre (Total), J. Marraud (Total), B. Khairaliyev (Total EP Kazakhstan), B. Seidullaev (Oil Techno Group) & M. Mysliwiec (Petrolinvest)
- 11:25** D008 - Seismic Imaging and Characterization of an Isolated Carbonate Buildup: Tengiz Field - I. Tussupbayev (TCO), E. Iskakov (TCO), S.D. Jenkins* (Tengizchevroil (TCO)) & H. Posamentier (Chevron)
- 11:50** Lunch break
- SEISMIC ACQUISITION AND PROCESSING, CASE STUDIES II**
- 13:15** D009 - CSP-Method Prospecting of Fracture-Caernous Reservoirs in the Bazhen Formation of the Salym Oilfield - G.N. Erokhin (Immanuel Kant Baltic Federal University), A.N. Kremlev* (Antel-Oil Co), L.E. Starikov (Immanuel Kant Baltic Federal University), V.V. Maltcev (RN-UganskNeftegas), S.E. Zdolnik (RN-UganskNeftegas) & S.V. Rodin (Antel-Oil Co)
- 13:40** D010 - Method of Parametric Processing of Reflection (PRO). Current State of Method and Prospectivity for Further Development - V. V. Kondrashkov* (Pangea Inc)
- 14:05** D011 - 3D Land Seismic Multisurveys Merge - A. Svetlichny* (PGS Kazakhstan LLP), G. Wittmann (MOL Hungarian Oil & Gas Co) & A. Kov-cs (MOL Hungarian Oil & Gas Co)
- 14:30** D012 - Coherent Noise Attenuation in the Radial Trace Domain: a Case Study of 2D Seismic Data Processing in the West of Iran - E. Pegah* (Dana Geophysics Company) & B. Feiz Aghaei (Dana Geophysics Company)
- 14:55** Break

POTENTIAL METHODS

15:15	D013 - Towards Fuzzy Hyperspectral Edges - Radiometric Strip Adjustments of AIS Data - M. Pregesbauer* (Airborne Technologies GmbH), C. Briese (Ludwig Boltzmann Institute for Archaeological Pros), G. Verhoeven (Ludwig Boltzmann Institute for Archaeological Pros) & M. Doneus (Vienna Institute for Arch. Science, Univ. Vienna)
15:40	D014 - Coupling Time-lapse Monitoring by Satellite Data and Numerical Geomechanical Models for Reservoir Management - A. Tamburini* (Tele-Rilevamento Europa TRE s.r.l.), M. Minini (Tele-Rilevamento Europa TRE s.r.l.), A. Higgs (TRE Canada), G. Falorni (TRE Canada), P. Teatini (M3E s.r.l.), M. Ferronato (M3E s.r.l.), F. Comola (M3E s.r.l.) & C. Janna (M3E s.r.l.)
16:05	D015 - Investigating Vertical Land Movements along the Northern Caspian Sea Coastal Area by SAR Based Methodologies - L. Magagnini* (University of Ferrara - MED Ingegneria srl), P. Teatini (University of Padova, Italy), T. Strozzi (Gamma Remote Sensing and Consulting, Switzerland), E. Ulazzi (MED Ingegneria srl, Ravenna) & U. Simeoni (University of Ferrara, Italy)
16:30	D016 - A Technique of Spectral Mixing Problem Solution - A. Dubovskoy* (Crossfactor) & K.E. Byrne (Eurasia Mining PLC)

Student poster presentations

Monday 29 October

Premium Ballroom 3

STUDENT POSTER SESSION

17:15 - 19:00	SP01 - Attenuating Seismic Random Noise by Multichannel Singular Spectrum Analysis - F. Bayati* (University of Tehran) & H.R. Siahkoobi (Institute of Geophysics, University of Tehran)
	SP02 - A Comparison of Different Methods of Velocity Analysis in Reflection Seismic Data Processing with AVO Anomalies - M. Bashardoust* (University of Tehran), S. Torabi (University of Tehran) & M. Nabi-Bidhendi (University of Tehran)
	SP03 - A Successful ASP Flooding with Organic Alkaline - A. Naghizadeh Dilmaghani* (Dept. of Petroleum, Omidieh Branch, IAU, Omidieh) & S. Teimoorzadi (Dept. of Petroleum, Omidieh Branch, IAU, Omidieh)
	SP04 - Improved Oil Recovery by the Efficiency of Nano-particle in Imbibition Mechanism - G. Cheraghian* (Young researchers Club, Omidieh Branch, I.A.U.O, Iran) & S. Tardasti (Young researchers Club, Omidieh Branch, I.A.U.O, Iran)
	SP05 - Channel Detection Using LTFT and Q Factor Estimation - S. Kaviani Cherati* (University of Tehran)
	SP06 - Crustal Velocity Structure In Central of Iran Using Local Earthquakes - H. Zamanian* (University of Tehran), E. Bayramnejad (University of Tehran) & M.R. Gheitanchi (University of Tehran)
	SP07 - Empirical Spectral Ground Motion Prediction Equations for Iran - F. Mehrabi* (University of Tehran), N. Mirzaei (Institute of Geophysics, University of Tehran), H. Hamzehloo (IIEES) & A. Moradi (Institute of Geophysics, University of Tehran)
	SP08 - Local Earthquake Tomography in the Central Alboz-Iran to Determining Upper Crust Velocity Anomaly - T. Akbari* (University of Tehran), H. Shomali (Department of Earth Sciences, Uppsala, Sweden) & A. Tryggvason (Department of Earth Sciences, Uppsala, Sweden)
	SP09 - Variations of Moho Depth in Zagros, Central Iran and Alborz Zones Using P and S Receiver Functions - N. Mohammadi* (University of Tehran), F. Sodoudi (Helmholtz Centre Potsdam, GFZ German Research Cent) & A. Gholami (Institute of Geophysics, University of Tehran)

Poster presentations

Tuesday 30 October

Premium Ballroom 3

POSTER SESSION I

17:15 - 19:00	P001 - Hydrodynamics and Seismic Attributes - R. Swarbrick* (Ikon Science)
	P002 - Review of Modern Methods of Prestack Seismic Data Analysis - K. Shikeruk* (Petroleum Geo-Services), A. Jangirov (Petroleum Geo-Services) & A. Shestakov (Petroleum Geo-Services)
	P003 - Carbonate Environment Survey Methods with Real Data Based Examples - T.V. Olneva* (Paradigm)
	P004 - The Influence of Attenuation on Frequency Component of Seismic Signals - A. Nazari* (Institute of Geophysics, University of Tehran), M.A. Riahi (Institute of Geophysics, University of Tehran) & N. Abbasi (Institute of Geophysics, University of Tehran)
	P005 - Deep Structure of the Baltic Shield along the FENNOLORA Profile Based on Seismic Data with Account of Earth's Curvature - L. Tsydyypova* (MSU Moscow State University Lomonosov) & A. Goev (The Schmidt Institute of Physics of the Earth)
	P006 - Application of the Single-probe Fission Neutron Logging (FNL) Method in the Stratum-infiltration Type Uranium Deposits - L.I. Kamenev* (Geotechnoservice) & O.G. Koshevoy (Geotechnoservice)
	P007 - Evolution of Effects of Small-scale Heterogeneties in Dynamic Modelling of Electromagnetic Logging - B.G. Mikhilenko (Russian Academy of Sciences), O.N. Soboleva* (Russian Academy of Sciences) & E.P. Kurochkina (Russian Academy of Sciences)
	P008 - Comprehensive Interpretation of Logging Data by means of "Alpha" Software and Artificial Neural Nets - Y.I. Kuchin* (Geotechnoservice)
	P009 - Geomorphology Analysis of Kertasari, Brebes District, Central Java Province; and its Application for Settlement Land Use - S. Paramitha* (Institut Teknologi Bandung) & R. Triandari (Institut Teknologi Bandung)
	P010 - Storage of Hydrogenous Gas in Geological Formations - Conceptual Model of In-situ Bio-reactions and Gas Transformations - I. Dussembaev (KazNTU Satpayev - FK Centre Geo-Energies), M. Burketbayev (KazNTU Satpayev - FK Centre Geo-Energies) & M. Panfilov* (Ecole Nationale Supérieure de Géologie)
	P012 - Theory and Practice of Dynamic Petroleum System Modeling in PetroMod for Reducing Geological Risk in Exploration Drilling - T.E. Topalova* (Schlumberger Information Solutions)
	P013 - New Look on the Structure in Azerbaijan Section SCB by Geological-geophysical Researching - U.G. Vahabov* (Azerbaijan National Academy of Sciences)

Premium Ballroom 2

POSTER SESSION II

17:15 - 19:00	P014 - Recharging of a Basin in South West of Iran, Artificially - H. Derakhshan* (University of Zabol)
	P015 - Zero Tolerance towards Discharge Today: Way to a Greener Tomorrow - S. Shekhar* (Pandit Deendayal Petroleum University)
	P016 - Analysis of Subsidence Dynamics During Destruction of Structure over Abandoned Mines due to Underground Water Elevation - I.V. Nazimko* (Ukrainian State Geological Research Institute), S.V. Pedchenko (Ukrainian State Geological Research Institute) & V.V. Vasutina (Ukrainian State Geological Research Institute)
	P017 - Mohos s Surface of the Kyrgyzstan and Surrounding Regions According to Data of the Bouguer Anomaly Gravitational Field - V.N. Pogrebnoy* (National Academy of Science of Kyrgyz Republic) & V.V. Grebennikova (National Academy of Science of Kyrgyz Republic)
	P018 - Earthquakes Prediction: Discovery of the New Regularity of Seismic Noise Behavior - I.H. Kerimov* (Seismotech Globe BV) & S.I. Kerimov (Seismotech Globe BV)

17:15 - 19:00	P019 - Influence of Upper Mantle Velocity Features in the Formation of Source Zones of Strong Crust Earthquakes - N.K. Bagmanova* (National Academy of Science of Kyrgyz Republic) & E.L. Mirkin (National Academy of Science of Kyrgyz Republic)
	P020 - Seismotectonic Activity and its Reflection in the Underground Hydrosphere (on the Example of the Japanese Earthquake with M=9) - A.A. Ryzhov* (All-Russian Research Institute of Hydrogeology and Engineering Geology) & G.V. Kulikov (All-Russian Research Institute of Hydrogeology and Engineering Geology)
	P021 - The Tien Shan Seismic Mode Cyclicity and Prediction of the Probable Time of Expected Destructive Earthquakes - E. Mamirov* (National Academy of Science of Kyrgyz Republic), Y.A. Mahanikova (National Academy of Science of Kyrgyz Republic) & N. Ernesova (National Academy of Science of Kyrgyz Republic)
	P022 - Dynamic Monitoring of the Toktogul Dam under Seismic and Human - V.I. Dovgan* (National Academy of Science of Kyrgyz Republic)
	P023 - Seismic Anisotropy and Scattering Characteristics in Fracture Zone by Physical Modeling - J. Ha* (Korea Maritime University), W.K. Chung (Korea Maritime University) & S.R. Shin (Korea Maritime University)
	P024 - Near Surface Velocity Building and Static Solution from Floating Datum - Pavel Moskalov (PGS Kazakhstan LLP), B. Lucas (Maersk Oil GmbH) & P.J. Christian* (Maersk Oil GmbH)
	P025 - Experimental Evaluation of Rock Spallation with Laser Irradiation - G.H. Montazeri (Chemical Dept., Mahshahr Branch, IAU), M. Bakhtbidar* (Young Researchers Club, Omidieh Branch, IAU), A. Safaei (Islamic Azad University of Omidieh) & A. Fakhri (Islamic Azad University of Omidieh)
	P026 - Tidal "x" Sandstone Geometry & Distribution in the Gelam Field, Jambi Sub-basin, Indonesia - R. Waren* (Energi Mega Persada (EMP) Indonesia)
	P027 - Sedimentary Facies Analysis and Distribution of C-Sandstone in Bekasap Formation, Flamingo Field, Central Sumatra Basin - A. Pratama* (Institut Teknologi Bandung), F. Yusuf (Institut Teknologi Bandung) & P. Sumintadiredja (Institut Teknologi Bandung)

Wednesday 31 October

Premium Ballroom 3

POSTER SESSION I

17:15 - 19:00	P028 - Karachaganak Field - Integrated Reservoir Studies - F. Ibragimov* (Agip Karachaganak B.V., Kazakhstan Branch) & A. Narymbetov (Agip Karachaganak B.V., Kazakhstan Branch)
	P029 - Experimental Validation of the Direct Prospecting Indicator Based on the Concentration of Anomalies of Aromatic Hydrocarbons - V.I. Isaev* (National Research Tomsk Polytechnic University)
	P033 - Bitumen Formation in the Source Rocks of the Intrasaliferous Series of the Eastern Part of the Precaspian Basin - Y. Talgat* (Kazakh National Technical University), A. Izart (Kazakh National Technical University) & G. Joltaev (Henri Poincaré University)
	P034 - Lithofacies Model Field Kyurovdag - Lower Kura, Azerbaijan - A. Roksana* (Azerbaijan National Academy of Sciences)
	P035 - The Economic Optimization of Mining Technological Blocks using the Drillhole ISL Method by Modelling Geotechnological Parameters - A.V. Belykh* (Mining company LLP)
	P036 - 2d Basin Modeling and 2d Paleoreconstruction of Shaimskoe Petroliferous Region of West-Tokushinskaya Area - A. Perepelina* (Schlumberger), D. Spahic (Schlumberger), K. Sokolov (Schlumberger), O. Gutnik (LLC STC "Geostra") & V. Savenko (LLC KogalumnIPIneft)

17:15 - 19:00	P037 - Improve Reservoir Rock Permeability Using Laser Technology - A New Advanced Approach for Increased Oil Production Rate - M. Bakhtbidar* (Young Researchers Club, Omidieh Branch, IAU), G.H. Montazeri (R&D Department, ICOFC, NIOC), M. Alimohammadi (Islamic Azad University of Omidieh), M.H. Bakhtbidar (Urmia University) & M.R. Kazemi Asfeh (Islamic Azad University of Omidieh)
	P038 - Metasomatic Zoning of Copper Porphyry Deposits in Kyrgyzstan - N. Pak* (Institute of Geology NAS KR) & E. Ivleva (Institute of Geology NAS KR)
	P039 - Ensemble of Tectonic Structures under Convergent Processes and their Ore-bearing - R.D. Djenchuraeva* (National Academy of Science of Kyrgyz Republic)
	P040 - Geology and Metallogeny of the East Kazakhstan Region in the Central Asian Mobile Belt - B. Dyachkov* (Kazakh National Technical University), M. Mizernaya (Kazakh National Technical University), N. Mayorova (Kazakh National Technical University) & N. Zimanovskaya (Kazakh National Technical University)
	P041 - Gold in the Black Slates of Kyrgyzstan - I.A. Usmanov* (Kumtor Operating Company), E.V. Seledkov (Kumtor Operating Company) & Z.I. Cherniavskaya (Kumtor Operating Company)

Programme changes and liability

The technical programme is subject to change. If and when this occurs, EAGE shall not be liable for damages, expenses, personal injury or loss, except when caused by gross fault or negligence on the side of EAGE. EAGE's liability is expressly limited to the amount paid by the participant to EAGE for this event.

Short Courses

Short Course 1

EAGE Education Tour (EET) 6: Seismic Surveillance for Reservoir Delivery

Sunday 28 October, 09:00 - 17:00 hrs

Instructor: Olav Inge Barkved, BP - Stavanger, Norway

Course description

Time-lapse seismic surveys or 4D seismic provides snapshots of a producing hydrocarbon reservoir and its surroundings. The benefit of the technology in monitoring fluid and pressure changes and to point out bypassed oil or un-drained compartments has been well documented over the last 10-15 years. Still the technology is undergoing rapid development. One of the recent focuses has been the use of permanent seismic installation allowing for cost effective frequent surveying, and an added benefit of providing additional recordings which would not be available without the permanent array. In addition recent case studies have helped raise the awareness of how seismic monitoring techniques can be used to understand possible production induced effects outside the reservoir, often linked to geo-mechanical changes.

This course should be of interest to managers, geoscientist, reservoir and petroleum engineers, who aim for integrating time-lapse seismic data into the next level of technical and business decisions, and anyone else who sees the benefit of tracking changes in the subsurface in a wider sense.

The short course will take place on Sunday, 28 October from 09:00 to 17:00 hrs and will be held in the English language. For this particular course there is no translation available.

Short Course 2

Fables and Reality of Deterministic and Geostatistical Inversions: Reservoir Characterization with Application of Different Inversion Techniques

Sunday 28 October, 09:00 - 13:00 hrs

Instructor: Ksenia Filippova, Fugro-Jason – Moscow, Russia

Course description

In this course the main theoretical and practical approaches of inversion techniques will be discussed. Also examples of reservoir characterization with application of deterministic and geostatistical inversion algorithms in different geological environments will be considered.

The special focus will be on the stability of inverse problem for various approaches to inversion techniques, main factors influencing on reliability of inversion results, quality control on main stages which should be done for application of different inversion techniques, and the choice of the most appropriate inversion methodology for the variety of geological problems to be solved.

This course is recommended for specialists working with reservoir characterization and geological models building. Also for students, post-graduate students studying geology and geophysics.

The short course will be held in the Russian language and no translation will be available.

Student Programme *(free for students!)*

Tuesday 30 October, 10:00 - 16:00 hrs

The student day will be held in the Kazakh-British Technical University on Tuesday 30 October, and will be open for students attending the conference as well as for local Almaty students. The programme will include several distinguished speakers such as Philip Ringrose (Vice-President-Elect EAGE) and Reimar Seltmann (Prof. Natural History Museum in London), as well as a three-hour EAGE student lecture tour delivered by Dr Bernard Fourcade (Total Professeurs Associés). The programme will be conducted in English without translation.

Student Lecture Tour: What Energy for the Future?

After describing the main drivers of the world energy consumption we will focus on the oil and gas as the main energies of the world since 1900. We will briefly describe the history of the O&G business and the elements which make the price of oil. The history and the concept of the “peak oil” will then be explained. We will show different scenarios of predictions of the remaining resources and subsequent productions: yesterday, today and tomorrow. Also the impact of the consumption of the fossil fuels on the global warming and the greenhouse effect will be discussed.

Field trip to Charyn Canyon

EAGE will organize on Thursday 1 November 2012 a fieldtrip to the amazing Charyn Canyon. This is an 80 km canyon in Kazakhstan on the Charyn River, 200 km east of Almaty, close to the Chinese border. It is part of the Charyn National Park, which has been established on 23 February 2004. In parts, it attains a depth of 150 to 300 meters (490–980 ft). One part is known as Valley of Castles for its unusual rock formations. The width of it ranges from 20 to 80 meters and the length is 2 kilometers.

Company Displays and Commercial Presentations

KazGeo 2012 will offer company displays from Statoil, BG Group and PGS (Kazakhstan). Company displays can be visited by all participants during the entire conference.

Social Programme

To complement the conference, an icebreaker reception and a conference dinner will be organized. The conference dinner will take place on Tuesday evening (30 October) at a special restaurant in Almaty and will offer great cuisine as well as an evening of traditional Kazakh entertainment.

Registration

KazGeo 2012

Registered and paid	until 15/8/2012	16/8/2012 - 15/10/2012	16/10/2012 - on-site
EAGE members	€ 475	€ 525	€ 575
EAGE student members ¹	€ 85	€ 135	€ 185
Non-members ²	€ 575	€ 625	€ 675
Full time student non-members ^{1,2}	€ 155	€ 205	€ 255
Family members (access to Conference Dinner and Icebreaker)	€ 125	€ 135	€ 145

SC1: Seismic Surveillance for Reservoir Delivery (EET 6)

EAGE members	€ 75	€ 100	€ 125
Non-members ²	€ 150	€ 175	€ 200

SC2: Fables and Reality of Deterministic and Geostatistical Inversions

EAGE members	€ 225	€ 245	€ 270
Non-members ²	€ 275	€ 295	€ 320

Fieldtrip to Charyn Canyon

EAGE members	€ 180	€ 200	€ 220
Non-members	€ 200	€ 220	€ 240

All member rates are only applicable if the membership dues for 2012 have been paid.

¹ To qualify for the reduced registration fee, a copy of your student identification card must be submitted together with the registration form.

² The non-member fee includes EAGE membership for the remainder of 2013.

Please note that the EAGE reserves the right to cancel the short courses or field trip due to low participation. In this case, payment will be refunded in full.

The PACE programme supports individual geoscientists from developing countries to participate actively in our events. This support is available for accepted speakers only, more details are available on the event's website, www.eage.org.

How to register

The best way to register is by using the online registration form on www.eage.org. Go to Events, Calendar of Events, then KazGeo 2012. No registration forms will be accepted unless accompanied by full payment. Should you apply for the member's fee, please indicate your EAGE membership number. After receipt of registration and payment, delegates will receive a confirmation letter, which should be exchanged on-site for a badge.

Methods of payment

All payments must be made in Euros (€).

- By credit card (VISA, MasterCard, AMEX) through our secure web server¹
- By credit card authorization on the registration form
- By bank transfer. Made out to: EAGE Services BV,
Bank: ABN-AMRO Bank, Netherlands
IBAN/ account number: NL92ABNA0455199728
BIC/Swift code: ABNANL2A

¹ Please note that credit card authorizations not done online will require a signed credit card authorization form to be sent by post, fax or scanned to e-mail.

For cancellation and changes policy, liability, official invitations and all other up-to-date information please refer to the EAGE website (www.eage.org).

Accommodation

Accommodation is not included in the registration fee and is to be secured on participants own discretion. The Rixos Almaty Hotel is offering preferential rates for the KazGeo 2012 participants. You may find the booking form on the conference website. Please note that services of the hotel bookings are extra services and it is not an obligation to use them. Reservation, payment and any possible changes to your booking must be made directly with the Rixos Almaty Hotel.

Sponsor Programme

KazGeo 2012 is sponsored by:

Main sponsor



Sponsors



Participating in the sponsor programme will give you high visibility in a qualitative and uncluttered environment that makes your message stand out. It is still possible to participate in the sponsor programme. Please have a look at the KazGeo 2012 website for all available sponsor opportunities or contact us at exhibition@eage.org.

Important Information

How to get there

Almaty airport is located 15 km (9.5 miles) northeast of the city. Several airlines have regular flights into Almaty - for more information please see the conference website.

Obtain a Visa

Visas must be obtained in advance of arrival, as they are no longer available on arrival at the airport (unless you are arriving from a country that has no consulate and that type of plane-side visa usually needs to be coordinated with the Ministry of Foreign Affairs, at least one week in advance).

A Russian version of this final announcement can be downloaded at www.eage.org or www.eage.ru.

