

08 Avril 2019

Auditorium

Hours	Session
08h00 - 09h00	Reception and registration
09h00-10h00	Opening address by the Rector Pr. Mohamed-Tahar ABADLIA
	History of the Faculty of Hydrocarbons and Chemistry / The Dean of the Faculty Pr. HABI Idir Address by the representative of the Ministry of Higher Education Address by the General Chair of ENAGEO
10h00 - 10h30	Plenary presentation by Pr. B.HAMADA /University of M'Hamed Bougara Boumerdes (UMBB)
10h30 – 11h00	Coffee Break
11h00 – 11h30	Plenary presentation by Pr. C. DERAÏL /University of Pau and pays de l'Adour (UPPA)
11h30 – 12h00	Plenary presentation by Pr. Bassem S. Nabawy/ Professor of petrophysics and core analyses, Department of Geophysical Sciences, National research center, Egypt
12h00 – 12h30	Plenary presentation by Mr. Ilhane DIB/ Member of the International Gas Union
12h30 - 13h00	Ceremony recognition certificates
13h00 – 14h00	LUNCH

ORAL SESSION

GEOSCIENCES

08 April 2019

CENTRAL LIBRARY, ROOM 1

SESSION CHAIR : Pr. M.SAADAoui and Pr. R.CHAOUCHI

Hours	Author	Title
14h00-14h20	Pr. CHAOUCHI Rabeh	Analysis of the Tendency Evaluation Complex the Cambrian Reservoir D5 « Ra » 1A Zone, Hassi Messaoud Area, Algeria.
14h20-14h40	Ms. BELKACEMI Amel	Stratigraphic sequential analysis and oil interest of the upper Silurian - lower Devonian (F6 reservoir) of Southeastern Algerian Sahara: case of Hassi Mazoula field and its bordering regions (Illizi basin).
14h40-15h00	Dr. LOUMI Khaled	Mapping of the massive of Aït Douala: a half dome or an extensive metamorphic dome and associated sedimentary basins metamorphic basement of great Kabylie-Algeria
15h00-15h20	Dr. ZELLOUF Khemissi	A Model of mapping and measuring processes of hydric erosion in coastal mediteranean zone; case study: the lower isser the isser oued valley Algeria
15h20-15h40	Dr. BAOUCHE Rafik	Petrophysical Characterization of Lower Triassic Formation of Southern Hassi R'Mel and Permeability Prediction with Fuzzy Logic Analysis. Algeria.
15h40-16h00	Ms. KENANE Sara	Spatial organization of natural fracturation in the Boussaada region.
16h00-16h30	Coffee Break	

SESSION CHAIR: Dr. K. ZELLOUF and Dr. K. LOUMI

Hours	Author	Title
16h30-16h50	Ms. BENOMAR Ines	The central Algerian margin:tectonic inversion and oil system.
16h50-17h10	Ms. SETTAOUI Chaima	Spatio-temporal evolution of carbonate deposits in the Coniacian reservoir in the Djebel Foua-South East of Constantine basin-:Impact of diagenesis on porosity

09 April 2019

CENTRAL LIBRARY, ROOM 1

SESSION CHAIR: Dr. S.ELADJ and Dr. L ALIOUANE

Hours	Author	Title
8h30-8h50	Pr. AITOUICHE Moh-Amokrane	Fractal Modelling of Porosity Mathematical Assessment of Porosity in a three - phases Pore Solid Fractal (PSF) Medium
8h50-9h10	Mr. BOUCHIBA Mohamed	Probabilistic method for the identification of Hydraulic Flow Units in a reservoir
9h10-9h30	Dr. ELADJ Said	Application of steepest ascent algorithm for the residual static corrections optimization in Southern Algerian Geophysical Survey
9h30-9h50	Mr. BENALLAOUA Sofiane	Reservoir simulation of water shut off treatment by chemical process: A case study of a horizontal oil production well in China

The 8th International Symposium on Hydrocarbons and Chemistry "ISHC8"; Boumerdes, 8 - 10 April 2019

9h50-10h10	Mr. BANSIR Fateh	Residual static corrections evaluation by using hybrid genetic algorithm inversion—a case study in southern of Algeria
10h10-10h30	Ms. BERDJANE Anissa	Petrophysical uncertainties of a compact unconventional Tight sand reservoir: Case study of the Ahnet Basin
10h30-10h50	Dr. ALIOUANE Leila	Total Organic Carbone prediction in Shale Gas Reservoir from welllogs data using Multilayer Perceptron Neural Network
10h50-11h10	Coffee Break	

POSTER SESSION

GEOSCIENCES

08 April 2019

14h00 – 16h30

SESSION CHAIR: Dr. A.BELHADI, Dr A. DERRIDJ and Dr. Z. OULD TALEB-OUIBRAHIM

GEOSCIENCES	
01	Mr. ALI ZERROUKI Ahmed The interest of Frasnian shale gas formation in Algeria
02	Mr. ALI KHOUDJA Sid Ahmed The Lower Devonian of Berkine basin
03	Mr. LOUMI Khaled Impact of faults on the vertical distribution of hydrocarbons in a real case: the filling of the fersigan of the taoudenni basinsocle metamorphique de grande Kabylie-Algerie
04	Mr. AKBI Hicham 3D Geological modeling of compartmentalized reservoirs case study Berkine Basin
05	Ms. YSBAA Saadia Contribution of GIS in mapping of the mineral resources of the eastern part of algeria , applications, data processing and interpretation
06	Ms. BOUKHEMIA Fatma Zohra Sedimentology of the Cambro-Ordovician reservoir of the M'sari-Akabli permit. Ahnet Basin (Saharan Platform)
07	Ms. YEMMEL Hayet Sedimentologic and Paleoeological studies of the Pliocene in the MazafranCluse (Algiers Sahel).
08	Ms. BELKACEMI Amel Stratigraphic possibility trapping in the Upper Silurian- Lower Devonian (F6 reservoir) in the Ahara spur field (South East of the Algerian Sahara).

09	Mr. CHAOUCHI Rabeih Remediation Of Damaged Well By Drilling Mud In The Siegenian Reservoir, Bir Berkine Region, Saharian Platform, Algeria.
10	Ms. HALIMA SAADIA ZANOUDA Petrological and Geochemical characteristics of the Triassic Ophites of Sidi el-Hemessi (Souk Ahras, Algeria)
11	BOUCHENE HOCINE Impact of digenesis on Ordovician reservoir (Unit IV-3) quality in Illizi Basin, Saharan Platform, Algeria
12	BOUTALEB Khadidja Petrophysical Investigation of areas of hydrocarbon low-resistivity of the Reservoir TAGI Hassi Berkine South field. Berkine basin. Algerian Sahara
13	Mr. TIOUGUIOUINE Rachid Glacial paleovalleys modeling and characterization of Cambro-Ordovician (unit IV) reservoir in the east-center region in Illizi basin of Saharian flat form.
14	Ms. Zohra OULD TALEB-OUIBRAHIM Development And Gis Analysis Of A Database Tifraouine Miocene Mineralization (No Algeria)

09 April 2019

8h30-11h00

SESSION CHAIR: Pr. M.AITOCHE Mohaned and Dr. K. ALLEK

GEOSCIENCES	
01	Mr. SERAIDI Abdelbassit Porosity and permeability prediction in Triassic reservoirs of Hassi R'mel field from well -logs data using Fuzzy logic
02	Mr. ELBEGUE Aref Abderrahmane Contributions and limits of ancient aero-geophysical surveys to solve modern geological mapping problems.
03	Mr. CHAIB Oussama Predicting reservoir parameters from seismic inversion results using multi-regression analysis
04	Mr. ZAIMECHE Ouafi Ameer

	Multilayer perception neural network -based approach for modelling permeability in TAGI reservoir, case study from fromf Sif Fatima oil field, Algeria.
05	Ms. CHERANA Amina Lithofacies determination from well logs using Fuzzy clustering algorithm Case Study: Ordovician Tight Reservoir, Algerian Sahara.
06	Mr. ZEKKOUR FERHAT LAZHER Petrophysical parameters estimation using artificial neural network from well logs-data
07	Mr. GUEZEI Abdelali The use of poststack model-based inversion and RNA (MLFN) for the estimation of acoustic impedance and porosity ,Application sur le basin de berkine. (southern Algeria).
08	Mr. BEDDA Hamza Aero-geophysique data processing and analysis for uranium potential evaluation in the zone of Tinfelki (Hoggar).
09	Mr. ALIOUANE Leila Clay volume estimation in tight sand unconventional reservoirs from well-logs data using Hidden Weight Optimization algorithm neural network with an application to Algerian Sahara.
10	Mr. BOUCHAOUI Ilyes Application of Ant Colony Optimization Algorithm to Vertical Resistivity Sounding Inversion
11	Mr. SNOUCI Mohamed The role of magnétic and radiometric anomalies in hydrocarbon identification: two cases studies
12	Mr. BENALLAOUA Sofiane Reservoir characterization by simultaneous prestack seismic inversion: A case study of Berkine basin in Algeria
13	Mr. ZEFFANINE Abdelhamid Deterministic and Stochastic Seismic inversion

ORAL SESSION

Process Engineering and Environment / Environment Health and Safety

08 April 2019

CENTRAL LIBRARY, ROOM 2

SESSION CHAIR: Pr. O. KADDOUR and Pr. N. NASRALLAH

Hours	Author	Title
14h00-14h20	Ms. ALLAM Djaouida	Catalytic Hydrogenation of Carbon Dioxide to Methanol on improved oxide catalysts prepared by polyol method
14h20-14h40	Mr. REZIG Walid	Industrials Pollutants Photocatalytic Study by Hybrid Innovant Aluminosilicate Natural Material
14h40-15h00	Ms. ANGAR Yassmina	Use of a natural biopolymer for the removal of ammonium ions from petroleum wastewater: study of kinetic models of the adsorption
15h00-15h20	Mr. SAMER Said	Cu and Ag nanoparticles as kinetics promoters of gas hydrate formation
15h20-15h40	Mr. ZAHAF Billel	Effect of nano-fluids and surfactants on the asphaltènes precepitation
15h40-16h00	Ms. DEHAK-OUGHLISSI Karima	Modeling and Optimization of the Mechanical Properties of PVC-Based Formulations for Electrical Wiring, Using a Full Factorial Design Methodology
16h00-16h30	Coffee Break	

CENTRAL LIBRARY, ROOM 2

SESSION CHAIR : Pr B.HAMADA and Pr. H.CHERFI

Hours	Author	Title
16h30-16h50	Mr. MECHHOUD El Arkam	Risk analysis of the HDPE reactor (CP2K) using STPA methodology
16h50-17h10	Ms. DAHOU Meriem	Upgrading low density polyethylene waste into grease
17h10-17h30	Ms. METATLA Hassina	Common Cause Failure (CCF) Assessment By the Reliability Blocks Diagram (RBD) Method

CENTRAL LIBRARY, ROOM 3

SESSION CHAIR: Pr. G.OTMANINE and Pr. A.BOUCENNA

Hours	Author	Title
16h30-16h50	Ms. BEDDA Kahina	Extraction of heterocyclic and aromatic compounds by N,N-dimethylformamide from their mixtures with undecane
16h50-17h10	Ms. RABHI Souhila	Synthesis and characterization of TiO ₂ -Ag for the treatment of red ascryl
17h10-17h30	Ms. BEN BOUABDALLAH Amina	Study of the effect of petroleum activity on environmental pollution

ORAL SESSION

Process Engineering and Environment / Environment Health and Safety

09 April 2019

CENTRAL LIBRARY, ROOM 2

SESSION CHAIR: Pr. M. NABIEV and Pr. H. MIMOUNE

Hours	Author	Title
8h30-8h50	Ms. IBOUKHOULEF Hamida	Ultrasound-enhanced Homogenous Fenton-like system, H ₂ O ₂ /Cu(II), for olive mill wastewater treatment
8h50-9h10	Ms. SAIDIA Hesna	Adsorption capacities of low-cost sorbents for wastewater treatment
9h10-9h30	Ms. OUADAH Amina	Novel copolymer based sulfonated polystyrene and diphenyl ethylbenzimidazolium as electrolyte for fuel cell application
9h30-9h50	Mr. ROUBEHIE FISSA Mohamed	QSPR-ANN Estimation models for critical pressure and critical volume of pure hydrocarbons using MLR and MLP-ANN methods
9h50-10h10	Ms. BOUKOBERINE Yamina	Photo catalytic oxidative desulfurization of the kerosene Jet A-1 and Gasoil fuels using the W, Ce and Ru noble transition metals supported on γ -Al ₂ O ₃ -ZnO and γ -Al ₂ O ₃ -SiO ₂ catalysts
10h10- 10h30	Mr. NABIEV Mohamed	Etude de la capacité d'adsorption des bourbiers de forage des colorants organiques synthétiques polluant des eaux usées de textiles
10h30-11h00	Coffee Break + Poster Session	

POSTER SESSION

Process Engineering and Environment / Environment Health and Safety

08 April 2019

14h00 – 16h30

SESSION CHAIR: Dr. A.SAoud and Dr. K.BEDDA

Process Engineering and Environment / Environment Health and Safety	
01	Ms. BENSEBIA Ouahida Microbial contamination of stored diesel fuel
02	Ms. DEMIM Soraya Heavy metals removal from chemical effluent by Coagulation and Flocculation Processes using the CCD method
03	AOUDJIT Farid Efficient removal of organic pollutant by Zn-Al-LDH materials synthesized by the co-precipitation method
04	Ms. BOUMAD Souad Novel activated carbon derived from luffa cylindrica as a photocatalysis precursor
05	Ms. HAMMADOU Souad Vanadium-catalyzed extractive oxidesulfurization of commercial diesel in ionic liquid with combined oxidizing Agents
06	Ms. DAHOU Meriem Thermal cracking of polyethylene waste to obtain a synthetic oil
07	Ms. BEDDA Kahina Increasing the treatment capacity of the Algiers refinery by installing a crude pre-distillation column at the topping unit
08	Ms. SAOUD Abdesslam Extraction and quantitative determination of Co (II) and W (VI) using crown ether 6-hydroxy-DB-9-C-6) when present simultaneously
09	Ms. BOUNABI Leila Characterization of polyacrylamides or modified polyacrylamides for enhanced oil recovery
10	Ms. GUELLA Fadia Extractive distillation of ethanol-water mixture using ionic liquids

11	BENCHADLI Abbas Synergy effect between pvp and ions i- on the inhibition of the corrosion of c38 steel in perchloric acid
12	Ms. BENOUDJIT Fouzia Mechanical performance study of mortars containing local sewage sludge ash
13	Ms. AMIRI Nesrine CO ₂ capture by absorption using the ionic liquid 1-hexyl-3-methylimidazolium tetracyanoborate
14	Ms. KOUIDER ELOUAHED Salima Preparation of silica supported molybdenum with different metal loadings for biodiesel production
15	Ms. ALALGA Lilia Decomposition of methane over Ni/HZSM-5 catalyts. Effect of acidic treatment of ZSM-5 support

09 April 2019

8h30-11h00

SESSION CHAIR: Dr. N. MADANI and Dr. A.SAoud

Process Engineering and Environment / Environment Health and Safety	
01	Ms. GOUSMI Nawel Fenton and electro-Fenton processes in petroleum refinery wastewater treatment
02	Ms. MAKHLOUF Boutheina Improving Naphta octane number by molten salts
03	Ms. ANNANE Kahina Natural adsorbent for removal of anionic dye: Adsorption isotherms, kinetics and thermodynamic studies
04	Ms. CHEIKH Sabrina Biobased antioxidant additive for Diesel fuel: Synthesis and Mechanism of action
05	Ms. AIDAOUI Ahleme Salting effect on the liquid-liquid equilibrium of the ternary system (water + acetic acid + dichloromethane)
06	Mr. LAHLAF Reda Zoheir Study of the absorbent properties of LDH materials modified with respect to pesticides
07	Ms. AISSIOU Nabila KRAFT LIGNIN AS A CORROSION INHIBITOR OF CARBON STEEL API X52 IN 3.5% NaCl, 0.1M HCl MEDIUM

08	Ms. TADMOURT Wahiba Bioethanol production from paper waste
09	Ms. LABADLIA Fatma Zohra Determination of the SIS subsystems configuration: application to the hydrocarbon separator
10	Ms. DJEDOUANI Djamilia Regeneration study of activated carbon under microwave irradiation
11	Mr. ROUBEHIE FISSA Mohamed QSPR-ANN and QSPR-MLR estimation models for normal boiling point temperature and critical temperature of pure hydrocarbons and petroleum fractions
12	Ms. AGA Sara Removal of crystal violet dye from aqueous solutions by adsorption using a mixture of forest waste treated with H ₃ PO ₄
13	Ms. KHOUCHI Loubna Elaboration of activated carbon to the treatment of water polluted by an organic pollutant
14	Ms. BOULAHBAL Mouna Efficient Degradation Of An Organic Pollutant By Two Aops Using Local Natural Clay Powder As Heterogeneous Catalyst (A Comparative Study)
15	Ms. MADANI Nesrine Preparation of activated carbons from <i>Stipatenacissima</i> leaves

ORAL SESSION

ELECTRICAL ENGINEERING IN THE OIL INDUSTRY

08 APRIL 2019

CENTRAL LIBRARY, ROOM 3

SESSION CHAIR: Pr. B.NADJI and Dr. O.BENDJEGHABA

Hours	Author	Title
14h00-14h20	Dr. AIBECHE Abderrezak	Open-Circuit And Short-Circuit Fault Diagnosis For Vsi-Induction Motor Drives Using Mean-Rms Values Of Three Phase Currents
14h20-14h40	Dr. DOGHMANE Mohamed	Stick-slip vibration control strategy design for rotary drilling system: Comparative study between PI, PID, and HInfinity
14h40-15h00	Dr. IDIR Abdelhakim	Robustness Analysis of Fractional Order PID Controller for Stable and Unstable Systems Using Evolutionary Algorithms
15h00-15h20	Mr BENDIB Chemseddine	Stabilizing the Frequency in Drilling Rig Using a Flywheel Energy Storage System
15h20-15h40	Mr. SEFSAF Hemza	Modeling and Simulation of PiN Diode using Ansys Simplorer software
15h40-16h00	Ms. BOUNOUA Wahiba	Intrinsic Dimension for Variables Classification.
16h00-16h30	Coffee Break	

POSTER SESSION

ELECTRICAL ENGINEERING IN THE OIL INDUSTRY

08 April 2019

14h00 – 16h30

SESSION CHAIR: Pr. KESSRAOUI Mohamed and Dr. TADJER Sid Ahmed

ELECTRICAL ENGINEERING IN THE OIL INDUSTRY	
01	Mr. BOUDOUDA Aimad Dual Randomized Space Vector Modulation for Inverter-fed Induction Motor Drives
02	Mr. FEKHAR Hassene Implementation fuzzy logic control using Dspic microcontroller. Application for drive process control
03	Ms. MAOUZ Hadjira Modeling the molecular weight of polypropylene during the photothermal aging using artificial neural network
04	Ms. TIGRINE Zahia Stand alone PV system for desalination unit in arid areas : case study with storage energy
05	Ms. RIACHE Samah Non-singular terminal sliding mode control for aerial manipulator
06	Mr. BOUSSOUFA Ahmad Rotor Speed and Flux Estimation of a Doubly-fed Induction Machine Using Extended Kalman Filter
07	Ms. BOUGHENA Amina Electronic, Magnetic properties of Os ₂ ZrSn Heusler alloys: An FP-LAPW study
08	Mr. DJALTI Riad Transient stability analysis of industrial power system including the integration of induction Generators
09	Ms. DEROUCHE Sabah Fault detection in LTI systems.

09 April 2019

8h30 – 11h00

SESSION CHAIR: Pr. KESSRAOUI Mohamed and Dr. TADJER Sid Ahmed

ELECTRICAL ENGINEERING IN THE OIL INDUSTRY	
10	Ms. HESSAS Lamia Study and Simulation of PV array under matlab /simulink
11	Mr. KHELIFI Fateh Improving the availability of a photovoltaic inverter
12	Ms. MENDIL Chafiaa Two strategic approaches of heat exchanger automatic control in a nuclear power
13	Mr. TADJER Sid Ahmed Study and realization of a sun follower for a photovoltaic system
14	Mr. DERMOUCHE Reda Previsionel Analysis Of The Safety Operation For The Eha Actuator Of A A380 Aircraft Our Goal
15	Mr. AHRICHE Aimad Active Power based MRAC System for Stator Resistance and Rotor Speed Estimation in AC-Motor drives
16	Ms. KHATER Fatma Automation and supervision of the ZCINA LPG extraction section
17	Mr. BOUCHETOB Elaid Simulation of the Voltage Breakdown of Power Transformer Insulating Oil
18	Mr. RIANE Rami Unknown input estimation based on Kalman filter: Application to Top-Drive DC motor of rotary drilling system

ORAL SESSION

EXPLOITATION AND TRANSPORT OF HYDROCARBONS

08 April 2019

CENTRAL LIBRARY, ROOM 4

SESSION CHAIR : Pr. M. GACEB and Pr. A. BENBRIK

Hours	Author	Title
14h00-14h20	Mr. SAHNOUNE Khaled	Simulation de l'écoulement dans une turboforeuse
14h20-14h40	Mr. ARABI Abderaouf	Pressure drop fluctuation analysis for different sub-regime of intermittent flow
14h40-15h00	Ms. ATMANI Taous doria	Study of nanocrystalline TiN/CrN multilayer coatings obtained by the reactive magnetron sputtering technique
15h00-15h20	Ms. MEZIANE Akila	Wells effects on vortex breakdown under rigid and/or free surface conditions of isothermal flow
15h20-15h40	Ms. YUCEFI Sarra	Transport of viscous fluids in a centrifugal pump
15h40-16h00	Mr. CHEMAA Khaled	Tribological behaviors of Ti-W-N thin film for diesel engines applications
16h00-16h30	Coffee Break	

SESSION CHAIR : Pr. M. GACEB and Pr. A. BENBRIK

Hours	Author	Title
16h30-16h50	Mr. ARBAOUI Mohamed	Degradation of mechanical contacts in a Saharan environment
16h50-17h10	Ms. KHOUMARI samira	Dynamic analysis of elastic deformations of a pipeline interacting with the soil
17h10-17h30	Mr. CHEBOUBA Billal Nazim	Multi-objective Pipeline Network Reliability Optimization by Particle Swarm Optimization

ORAL SESSION

EXPLOITATION AND TRANSPORT OF HYDROCARBONS

09 April 2019

CENTRAL LIBRARY, ROOM 4

SESSION CHAIR : Pr A.MELLAK and Pr. A. HADJADJ

Hours	Author	Title
8h30-8h50	Mr. NAIT AMAR Menad	Oil formation volume factor prediction using soft computing methodology
8h50-9h10	Ms. ZIOUANI Sara	Origin and Solutions of Instabilities in Gas Lift Activated Wells
9h10-9h30	Ms. DJEMAI Zahra	Petroleum storage tank analysis based on the presence of uncertain data
9h30-9h50	Mr. KARA Benyekhlef	Parameters affecting oil pipeline transient modeling and simulation using Matlab-Simhydraulics
9h50-10h10	Mr. FERROUDJI Hicham	CFD method for analysis of parameters affecting pressure drop gradient of drilling fluid in laminar regime with orbital motion of the drill pipe
10h30-11h00	Coffee Break + Poster Session	

POSTER SESSION

EXPLOITATION AND TRANSPORT OF HYDROCARBONS

08 April 2019

14h00 – 16h30

SESSION CHAIR: Pr. K.MOHAMMEDI and Pr. M. GACEB

EXPLOITATION AND TRANSPORT OF HYDROCARBONS	
01	Ms. AMARA Khadidja Simulation of gas dispersion in the atmosphere following the rupture of high-pressure pipes
02	Mr. BOUANANI Mohammed A Numerical Investigation of Natural Convection in an Inclined Square Cavity with Adiabatic Body
03	Ms. SID Asma Study of evaporation losses at liquefied natural gas storage tanks (Boil-Off) and eventual recovery of its losses
04	Mr. BENSEGHIER Mohamed el Amine Comparative investigation of pressurized corroded pipeline burst pressure taking into account the effect of defects shape and orientation
05	Ms. SOUALMI Rabiaa Lattice Boltzmann Simulation of Natural Convection with Different Aspect Ratio in an Enclosure Heated From One Vertical Side and Cooled From the Ceiling
06	Mr. FODILI Benslim Numerical Simulation by ABAQUS, of the thermo-mechanical behaviour of X70 Steel welded tubes for hydrocarbon transport
07	Ms. CHAUCHE Fatma Zohra CFD simulation study of the influence of the flow velocity on the propane combustion temperature in a milli-channel
08	Ms. LAOUTI Amina Effect of Rayleigh number variation on double-diffusive convection under large temperature differences
09	Ms. GHARBI Kheira Effect of Operating Conditions on Asphaltene Onset Flocculation in Dead Oil

9 April 2019

8h30-11h00

SESSION CHAIR: Pr. K.BENYOUNES and Dr. M.GARECHE

EXPLOITATION AND TRANSPORT OF HYDROCARBONS	
01	Mr. BOUDOUR Rafik Well Control simulation
02	Mr. NACEF Ali Weight on Bit and Rotary Speed Optimization
03	Mr. CELIA Yacine Effect of temperature and shear rate on flow behavior of Algerian crude oils
04	Mr. GHRIGA Mohammed Abdelfetah Investigation on the Viscoelastic Behaviour of Partially Hydrolysed Polyacrylamide/Polyethylenimine Gel Used for Conformance Control in Fractured Reservoirs.
05	Mr. OUAER Hocine Experimental study of influence of temperature, salt, and pH on the rheological behavior of eco-friendly water-based drilling fluid.
06	Mr. KHEIREDDINE Redouane The prediction of the compressibility factor for natural hydrocarbon gas using artificial neural network
07	Ms. SAOUDI Leila Effect of size and concentration of nanoparticles in the flow of nano fluids (SIO ₂ / Water) and (SIO ₂ /EG)
08	Ms. MERAD Boutheina The rheological behavior of an organophilic clay suspension used in oil-based drilling fluids
09	Ms. REMLI Samira Temperature dependence of viscosity of aqueous solutions of hydroxyethyl cellulose
10	Mr. BENYOUNES Khaled Sensitivity analysis of acid fracturing in tight carbonate oil reservoir
11	Mr. MESBOUA Nouredine Study of chemical properties and the durability of cement-bentonite grout for petroleum drilling
12	Ms. OUAMROUCHE Amel

	Use of microwaves for the activation of bentonite: application to drilling mud
13	Mr. GARECHE Mourad Experimental study of the viscoelastic properties of the concentrated dispersions
14	Mr. HARHOUT Riad Analysis and optimization the effect of cutting parameters on surface integrity in turning:experimental validation

ORAL SESSION

ECONOMY AND MARKETING OF HYDROCARBONS

09 APRIL 2019

CENTRAL LIBRARY, ROOM 3

SESSION CHAIR: Pr TAHI Razika and Pr A. AHMED OUAMEUR

Hours	Author	Title
8h30-9h00	Mr. Kamel Malik Bensafta	Macro-Econometric simulation of Oil shocks to Algeria Economy
9h00-9h30	Pr TAHI Razika	Variables quantitatives et variables qualitatives pour la prise de décision dans le secteur de l'énergie
9h30-10h00	Mr Benalia Karim	Optimisation des caractéristiques opérationnelles des gazoducs. Cas : de l'entreprise TRC-SONATRACH
10h30-11h00	Coffee Break	
11h00-12h00	SYMPOSIUM CLOSING CEREMONY	
12h00-13h30	LUNCH	
14h30	DEPARTURE TO BOUSSAADA CITY	