



Conference
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World Congress on

OIL AND NATURAL GAS

OCTOBER 24-25, 2019 | VALENCIA, SPAIN

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Scientific Program

Day 1 | Room 1

Registrations and Distribution of Conference Material (09:30-10:00)

Introduction, Welcome note and Conference Inauguration (10:00-10:10)

Oil and Natural Gas

Keynote Session

10:10-10:40

Title: Experimental Studies on Gas Content of Shales

SUN Ren-yuan, School of Petroleum Engineering, China University of Petroleum, China

10:40-11:10

Title: Automatic Annotation of Subsea Pipeline Survey Data

Chris McCaig, Department of Electronic and Electrical Engineering, University of Strathclyde, United Kingdom

Group Photo | Tea and Refreshments Break @ 11:10-11:30

11:30-12:00

Title: A New Geology-Engineering Integration Solution for Shale Gas Exploration: A Case Study from Changning Block in China

Huang Haoyong, Southwest Oil and Gas Field Company of CNPC, China

12:00-12:30

Title: Natural Gas a Vector for Power Sources Diversification Settlement in the Long-Term Energy Planning

Miguel Edgar Morales Udaeta, Energy Group of Electrical Energy and Automation Department of Polytechnic School of the University of São Paulo, Brazil

12:30-13:00

Title: Stacked Storage and Tax Incentive Impacts on CO₂-EOR Sustainability

Ramón Gil-Egui, Gulf Coast Carbon Center, Bureau of Economic Geology, The University of Texas at Austin, USA

Lunch Break @ 13:00-14:00

Technical Sessions

14:00-14:30

Title: Practical Application of Machine Learning in Production Surveillance for Multiphase Oil Reservoirs

Richard Baker, Canada

14:30-15:00

Title: Hierarchical Modeling and Connectivity Analysis of Fracture-Cavity Carbonate Reservoirs: An Insight from Halahatang oil field, Tarim Basin, NW China

Yang Lisha, Research Institute of Petroleum Exploration & Development-Northwest (NWGI), PetroChina, China

15:00-15:30

Title: Zoning Characteristics of Gas Well Productivity in Superimposed Karst Carbonate Gas Reservoirs

Yan Haijun, Petrochina, China

15:30-16:00

Title: Sedimentary Architecture of Alluvial Fan Controlled by Syn-Sedimentary Reverse Fault Associated Fold

Xia Qinyu, RIPED, Petro China, China

Poster | Tea and Refreshments Break @ 16:00-16:20

Poster 1

Title: Estimation of the Future Demand for CNG in Road Transport in Poland

Dominik Kryzia, Mineral and Energy Economy Research Institute, Polish Academy of Sciences, Poland

Poster 2

Title: Achieving BHA Configuration Designs Improvement Through A Dynamic Vibration Management Approach

Ji Guodong, CNPC Engineering and Technology R&D Company Limited, China

Awards and Closing Ceremony @ 16:20-16:30