

NIGERIA COUNCIL

NAICE 2015

Pre-Conference Training Courses

Course Date: 1 – 2 August, 2015

Course title: Best Practices In Integrated Reservoir Modelling Series

Course Fee (per person): SPE Member: N80,000 Non-Member: N85,000

Course Overview

This is a 2-day interactive workshop focused on the proper modelling of the dynamic properties of rocks at the different scales (core, log and reservoir) of representation in integrated reservoir Modelling.

Audience

The course is intended for professional engineers, geoscientists and students with some experience in static and dynamic modelling.

Course Objectives & Content

Fundamentals of Capillary behaviour of rocks – the relationship between capillary behaviour and rock properties. Experimental measurements of drainage and imbibitions capillary pressures. Drainage Capillary pressure modelling (Brooks-Corey, Leverett-J, Thomeer & the Lambda models) and saturation-height functions (including the modelling of transition zones). Capillarity and wettability – including capillarity & wettability techniques from NMR. Relative permeability modeling – the Corey functions, curve fitting, Buckley-Leverett & Welge's frontal displacement.

Best practices in IRM – the saturation functions input to the static and dynamic model, impact of transition zones, up scaling, diagnostic tools, facies-based modelling, the use and impact of scanning lines etc.

NAICE 2015

Lagos-Nigeria, 4-6 August 2015

Theme "Natural Gas Development and Exploitation in an Emerging Economy – Strategies, Infrastructure and Policy Framework".

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> Abstracts submission deadline: 15 January 2015.

http://connect.spe.org/spenc/naice

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- 1. Top notch plenary sessions
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 65 technical presentations. And novel e-Posters Sessions with over 30 technical presentations
- 4. 6 training courses
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Profile of instructor



Engineer Chikezie Nwosu (SPE) is GM Development & Asset Management for Addax Petroleum Nigeria Limited. Prior to this, he worked with Shell International E&P as Regional Discipline Manager for Petrophysics in Sub-Saharan Africa.

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NAICE VISITORS PROFILE

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- Geoscience and Reservoir Experts
- Contracts and Procurement
- Scientists, Technologists, Consultants and Researchers
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- Strategic Leadership In E & P Business.
- Petroleum Resource Volume and Reserves Evaluation & Reporting.
- Best Practices In Integrated Reservoir Modelling Series.
- Stuck Pipe Diagnosis, Prevention & Management In Drilling Operations.
- Effective Report Writing & Presentation Skills.
- Well, Reservoir and Facility Management

Best Practices In Integrated Reservoir Modeling Series: Engineer Chikezie Nwosu

Register by email or online for this course at http://connect.spe.org/spenc/naice

Name:	
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For further details and registration assistance, please contact: Course Coordinator **Engr. Ajiri Ogedegbe** (Email: <u>okurerie.ogedegbe@shell.com</u>, OR Call: 08070341328)