

AMU Poznań Student Chapter of the AAPG AAPG Visiting Geoscientist Program



is pleased to announce the workshop
by

Stephanie Nwoko

3D Reservoir Modeling Workshop

Institute of Geology UAM

ul. Bogumiła Krygowskiego 12, Poznań

20 October 2017

9:00 – 17:00

room 56

<http://www.aapg.amu.edu.pl>

Stephanie Nwoko

Stephanie Nwoko is a reservoir geologist specialized in geomodeling with 15 years experience in the oil and gas industry. She holds a BSc in Geology from the University of Port Harcourt, Nigeria and currently undertaking a Master's degree in Petroleum Geology from the Royal Holloway University of London.

She is a member of Geological Society of London, Petroleum Exploration Society of Great Britain (PESGB), Society of Petroleum Engineers (SPE), Houston Geological Society and American Association of Petroleum

Geologist. She currently volunteers for the SPE Gulf coast section for the college scholarship by grading and interviewing potential candidates and the AAPG Visiting Geoscientist Programme. Finally, She loves mentoring, coaching and believes in sharing her career experiences and knowledge with young professionals.



'3D Reservoir Modeling Workshop' Overview

This one day workshop will cover basic software usage application and introduce the procedures and workflow for building a 3D geological model using Petrel. This will be a practical course to illustrate 3D geological model construction, followed by hands-on-practical by the students.

Students will learn about project set-up, data import, creating simple surfaces, performing basic quality checks, 3D grids and visualization. Students will understand the science and workflows behind building consistent 3D geological models including fluid, facies and porosity distribution and volumetric estimation. They will learn how to integrate data from cores, logs and seismic and how to upscale this data into geological model which can be fed into flow simulation models for field development planning, field optimization and/or production scenarios.