

Performance of Hydrocarbon Production Systems

Basic Course

September 26th - 28th, 2016, Florianópolis, Brazil

Outline:

This short introductory course covers basic topics on hydrocarbon production engineering. It introduces some fundamental concepts such as fluid behavior, the hydraulic and thermal characteristics of single and multiphase flow in pipes, material balance, architecture of wells and production systems. It will address the steady state and transient behavior of individual oil and gas wells and the integrated production system. It discusses the reservoir inflow to the wellbore and its changes with depletion. It describes the effect of artificial lift and pressure boosting on the production performance.

Agenda:

Day 1 (Mon, 26/09), 08h to 12h
Day 2 (Tue, 27/09), 08h to 12h
Day 3 (Wed, 28/09), 14h to 18h

Location:

Anfiteatro A - Eng. de Produção, UFSC
Florianópolis, SC - Brazil

Lecturer:

Prof. Milan Stanko is an associate professor in production engineering at the Department of Petroleum Engineering and Applied Geophysics at NTNU, Norway. His professional interests are numerical modeling of hydrocarbon production systems, Integrated Asset Modeling, model-based optimization, Inline separation and computational fluid dynamics. Prof. Stanko has performed industrial consultancy activities for Statoil, Pacific Rubiales, Saudi Aramco and Corpoelec and has participated as instructor in training courses for B&P. He holds a PhD from NTNU (Norway) and a MSc. from USB (Venezuela).



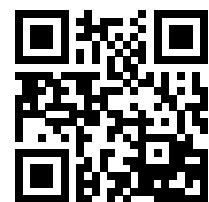
Realization:

DAS



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Registration:



<http://goo.gl/FQ9b92>