

**Society of Petroleum Engineers
Distinguished Lecturer 2016-17 Lecture Season**



**Tuesday, 13 June 2017
Energi Mega Persada Office 28 Floor
Bakrie Tower, Rasuna Epicentrum Jakarta
11:30 AM – 02:00 PM**

“The Digital Oilfield - Collaborative Working at Global Scale”

**Frans van den Berg
Shell**

Abstract:

Collaborative Working helps assets to operate more efficiently and as one team, resulting in higher production, less cost, lower HSE exposure and higher morale.

Shell has pursued the Digital Oilfield for the last ten years, under the heading of Smart Fields. Collaborative Work Environments (CWEs) were implemented in the majority of assets, live environments now cover over 50% of Shell's production.

The presentation will provide an overview of current Collaborative Work Environments. It will show examples of CWEs in different types of assets, and of the business value achieved. The large scale implementation was achieved through a structured deployment programme, taking assets and projects through a standard design, implementation and embedding approach.

To embed and sustain the new ways of working, a focus on the people aspects and change management has been critical. Each project included mapping workflows, awareness and training sessions and establishing coaches, support and continuous improvement.

Biography:

Frans van den Berg currently works in the global Smart Fields programme in Shell's Projects and Technology organisation in the Netherlands. He leads the global implementation of Collaborative Work Environments in Shell.

Frans joined Shell after graduation in Physics at Leiden University in The Netherlands. He has held various positions as a petroleum engineer and asset development leader in operational roles and in global technology deployment. He worked ten years in Malaysia and Thailand. He has been involved in the organisation of the SPE Intelligent Energy and Digital Energy Conferences since 2008.