

Energy Colloquium

Data Analytics & Simulation Practical Cases of Oil & Gas Upstream Digitalization

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11 April 2017, 16:00

Skolkovo Innovation Center

Technopark, Building 3, Room 402



ABSTRACT:

Drop of oil prices has changed development strategy of Oil&Gas companies from rapid growth to cost cutting. Digitalization can potentially increase their operational efficiency, but Oil&Gas industry remains digitally immature relative to other industries due to significant implementation costs and unclear returns. However, two major levers of digitalization are low-cost and highly impactful: analytics of accumulated data and simulation modeling. We will discuss cases with advanced analytics of upstream telemetry data can optimize OPEX and DrillEX, while simulation modelling manages CAPEX on the large capital construction of an oilfield in Russia.

Non-Skoltech attendees should request access to the building in advance by sending their passport details to energy.colloquium@skoltech.ru

Colloquium schedule and information on how to get to the colloquium can be found at <http://www.skoltech.ru/en/energy-colloquium/>