

ARTIFICIAL INTELLIGENCE APPLIED TO O&G WITH NVIDIA

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It's been a long journey since the very first ML algorithms were applied to identify subsurface features until the point that very sophisticated billion-parameter models such as Stable Diffusion and Transformers are being developed to solve the hardest tasks in exploration and production in O&G. The massive amount of information, or better said, data, generated and processed in the area makes geosciences a perfect fit for modern AI. In this talk, we will explore the intersection between AI and geosciences and understand how NVIDIA is actively contributing to the advances of both fields in a full-stack manner, ranging from the development of hardware, such as GPUs, CPUs, and Networking devices, to software, with frameworks, languages, compilers, and code samples specifically built to O&G.

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