

Explore, Develop, and Produce—Safely and Efficiently with Realistic Simulation

Content

<i>Strategy Overview: Supplying Realistic Simulation to Meet Global Demands</i>	3
<i>Advanced Engineering Simulation: Allowing Technip to Take it Further</i> <i>Technip Keynote Presentation Video, 2012 SIMULIA Community Conference</i>	4
<i>Realistic Simulation Drills Deeper into Oil and Gas Reservoir Sustainability</i> Eni develops full-scale geomechanical models with automated workflow in Abaqus <i>SIMULIA Community News</i>	5
<i>Co-simulation of Two-phase Flow in an M-shaped Subsea Piping Component</i> College of Technology, University of Houston <i>SIMULIA Community News</i>	8
<i>Jumping the Iteration Train: Using Isight to Advance Downhole Seal Design</i> Baker Hughes <i>SIMULIA Community Conference, Providence, Rhode Island, USA</i>	10
<i>Large Scale Prototyping in the Oil & Gas Industry: The Use of FEA in the Structural Capacity Rating of a Deep Sea Pipeline Clamping System</i> Freudenberg Oil & Gas Technologies Ltd. Strategic Simulation and Analysis Ltd. <i>SIMULIA Community Conference, Providence, Rhode Island, USA</i>	14
<i>Finite Element Analysis of Casing and Casing Connections for Shale Gas Wells</i> C-FER Technologies <i>SIMULIA Community Conference, Providence, Rhode Island, USA</i>	25
<i>Integrating Business and Technical Workflows to Achieve Asset-Level Production Optimization</i> Halliburton Landmark Graphics <i>SIMULIA Community Conference, Providence, Rhode Island, USA</i>	33
<i>Abaqus/Standard Simulation of Ground Subsidence due to Oil and Gas Extraction</i> <i>Abaqus Technology Brief</i>	42
<i>Pipeline Rupture in Abaqus/Standard with Ductile Failure Initiation</i> <i>Abaqus Technology Brief</i>	46
