

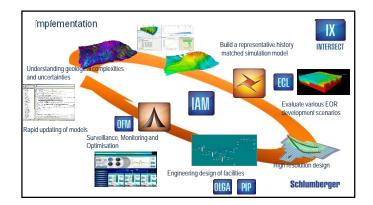
Taoufik Manai – Advisor, Reservoir Engineering – AbTC/UK Alexander Shadchnev – Sr Reservoir Engineer – Scandivia/Norway Dag Bakkjord – Sr Reservoir Engineer – Scandinavia/Norway

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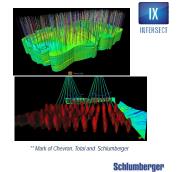
© 2014 Schlumberger. All rights reserved. An asterisk is used throughout this presentation to denote a mark of Schlumberger. Other company, product, and service names are the properties of their respective owners.	INTERSECT	<ul> <li>EOR modelling Challenges</li> <li>Asset Maturity with low recovery</li> <li>EOR from Day 1 as a possible alternate</li> <li>EOR Implementation Challenges <ul> <li>Design/Run/Interpret : Lab, Pilot, Field</li> <li>Understanding underlying physical and chemical processes with multiple interaction (rock, fluid, chemicals)</li> <li>Multiresolution model by keeping to min compromises suit run time</li> <li>Monitoring plan design, execution, feedback learn/adapt</li> <li>Model updates</li> </ul> </li> <li>EOR missing records on failing projects ( we can learn a lot !)</li> <li>NPV !</li> <li>Do modelling can help in such complex situation ?</li> </ul>	
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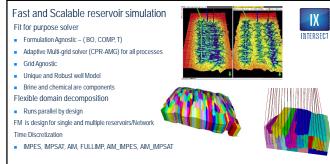
IX INTERSECT



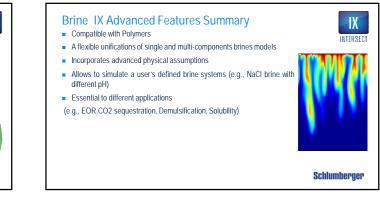
## INTERSECT\*\*

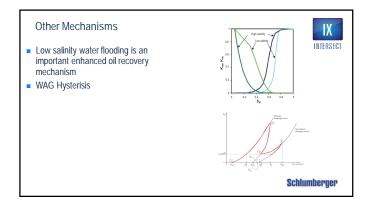
- Representative High Resolution Modeling of
  - Geology
  - Physics
  - Asset
- Enabled by fast and scalable reservoir simulation
- Petrel RE simulation environment

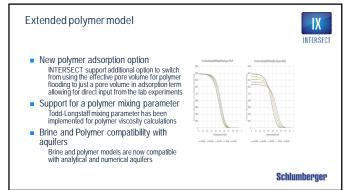


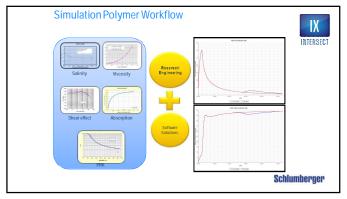


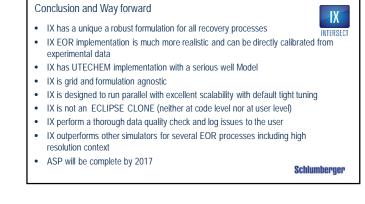
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