

# Conference Programme

## Monday 4th November

**16:00 – 18:00** *Registration at Whitworth Hall, University of Manchester*

19:00

**Welcome Reception**

(incl. address from CITOI XVI Gold Sponsor),  
Christie's Bistro, University of Manchester

## Tuesday 5th November

**08:00 – 08:30** *Registration & Refreshments  
(Whitworth Building Foyer & Christie's Bistro)*

08:30

**Welcome by CITOI XVI Committee Chair,**

Steven Jackson; conference address by Gold Sponsor

08:45



**Keynote Lecture: The OSPAR Environmental Strategy beyond 2020 - A New Approach to the Regulation of Offshore Chemicals or a Continuation of the Existing Regime?**

Ian Still, Nalco Champion UK

09:30

**SESSION 1: FLOW ASSURANCE**

Chair: Steven Jackson, Baker Hughes, a GE Company, UK  
Kevan Hatchman, RSC Member, UK

09:30

**Time Resolved Fluorescence Analysis for Oilfield Production Chemicals** - David Nichols, Scaled Solutions, UK

10:00

**Low Viscosity Long Chain Polyacrylate Paraffin Inhibitors**  
Giacomo Pagliaccia, The Dow Chemical Company, USA

**10:30 – 11:00** *Refreshments, Exhibition, Posters & Networking*

11:00

**Paraffin Control In High Pour Point Crude**

Per-Erik Hellberg, Nouryon, USA

11:30

**Innovative Chemical Additives as Paraffin Inhibitors and Pour Point Depressants in Heavy Oils**

Stacy Scranton, BYK USA Inc, USA

12:00

**Poster Pitch Presentations**

Various Authors

**12:30 – 13:30** *Lunch, Exhibition, Posters & Networking*

13:30	<b>SESSION 2: DRILLING / HYDRAULIC FRACTURING</b> Chair: Clare Temple-Heald, <i>Innospec Inc, UK</i> Richard Bligh-Smith, <i>RSC Member, UK</i>
13:30	<b>Eco-Friendly Drilling Fluid Additives Developed from Waste Vegetable Oil</b> Abeer M. Al-Olayan, <i>Saudi Aramco, KSA</i>
14:00	<b>Unique Multi-Functional Cellulosic Additive Giving Superior Performance to Synthetic Fluid Loss Control Additives in High Temperature and Lightweight Density Cements</b> Alan Goliaszewski, <i>Ashland, USA</i>
14:30	<b>The Role of Production Chemistry Management in the Shale Play</b> Wally Georgie, <i>Maxoil Process Consultancy, USA</i>
<b>15:00 – 15:30</b>	<b>Refreshments, Exhibition, Posters &amp; Networking</b>
15:30	<b>SESSION 3: SCALE AND CORROSION INHIBITION</b> Chair: Nik Robinson, <i>EOSCA &amp; NIKAM Consulting, UK</i> Jack Dunlop, <i>JD Vistas Ltd, UK</i>
15:30	<b>A Mechanistic Investigation into Synergistic Interactions of Polymeric and Phosphorus Containing Scale Inhibitors for Inorganic Scale Control within Oilfield Process Equipment</b> Catriona McCallum, <i>Nalco Champion, UK</i>
16:00	<b>Development and Application of a Novel, Multi-Functional Phosphonate Scale Inhibitor for Scale Control in Challenging Environments</b> Stephen Heath, <i>Baker Hughes, UK</i>
16:30	<b>Thermodynamic Modelling of the Precipitation Chemistry of Phosphonate Scale Inhibitors and Divalent Cations (Ca and Mg): Application to Precipitation Squeeze Treatments</b> Duarte J. Silva, <i>Heriot-Watt University, UK</i>
<b>19:00</b>	<b>Cocktail Reception at Christie's Bistro, University of Manchester</b>
<b>20:00</b>	<b>Symposium Dinner at Whitworth Hall, University of Manchester (followed by continued networking in Christie's Bistro)</b>

## Wednesday 6th November

09:00



### **Keynote Lecture: Microplastics: How will the EU Restriction on Microplastics Impact Oilfield Chemistries?**

Nik Robinson, EOSCA & NIKAM Consulting, UK

09:45

### **SESSION 4: REGULATION AND ECONOMICS**

Chair: Myles Jordan, *Nalco Champion, UK*

Andrew Shepherd, *Shell Australia Pty Ltd, Australia*

09:45

### **Analytical Challenges and Solutions in Identifying Corrosive Inhibitors in Base Oils for REACH**

Stacey Webster, *Yordas Group, UK*

## **10:15 – 10:45 Refreshments, Exhibition, Posters & Networking**

10:45

### **Formaldehyde-Releasing Substances; Better the Devil You Know?**

Mick Wragg, *Lubrizol Limited, UK*

11:15

### **Risk-Based Approach: Global Environmental Regulatory Solution**

Kirit Wadhia, *NOV, UK*

11:45

### **New Chemistry Devised to Tackle the Old Problem of Amorphous Polymeric Dithiazine Produced from the Use of Triazine H<sub>2</sub>S Scavengers**

Grahame Taylor, *Clariant Corporation, USA*

## **12:15 – 13:15 Lunch, Exhibition, Posters & Networking**

13:15

### **SESSION 5: FLOW ASSURANCE**

Chair: Jack Dunlop, *JD Vistas Ltd, UK*

Ross MacDonald, *Spirit Energy, UK*

13:15

### **Development of High Performance Dendrimeric Demulsifiers**

Rachael Cole, *Schlumberger Production Technologies*

13:45

### **Quantifying Hydrate Blockage in High Watercut Systems with Under-Dosed Thermodynamic Inhibitors**

Temiloluwa Kuteyi, *University of Western Australia, Australia*

14:15	<b>Delaying the Onset of Asphaltene Precipitation Using Asphaltene Inhibitors</b> Bethan Warren, <i>Croda, UK</i>
<b>14:45 – 15:15 Refreshments, Exhibition, Posters &amp; Networking</b>	
15:15	<b>SESSION 6: ENHANCED OIL RECOVERY</b> Chair: Harry Frampton, <i>BP Upstream Technology, UK</i> Andrew Shepherd, <i>Shell Australia Pty Ltd, Australia</i>
15:15	<b>Development of a Microfluidic Device for Online Measurement of Surfactant and Oil in Chemical EOR Applications</b> Christine Dalmazonne, <i>IFP Energies nouvelles, France</i>
15:45	<b>The Effect of Back-Produced EOR Polymers on Scale Squeeze Efficiency</b> Alan Beteta, <i>Heriot-Watt University, UK</i>
16:00	<b>Selection of Scale Inhibitors for Calcium Carbonate Inhibition in EOR Polymer Treatments - A New Approach</b> Miriam Barber, <i>Baker Hughes, UK</i>
<b>16:30</b>	<b>SYMPOSIUM REVIEW &amp; CLOSING REMARKS</b>