

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

## 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 **Delaying the Onset of Asphaltene Precipitation Using Asphaltene Inhibitors**  
Bethan Warren, *Croda, UK*

**14:45 – 15:15 Refreshments, Exhibition, Posters & Networking**

15:15 **SESSION 6: ENHANCED OIL RECOVERY**  
Chair: Harry Frampton, *BP Upstream Technology, UK*  
Andrew Shepherd, *Shell Australia Pty Ltd, Australia*

15:15 **Development of a Microfluidic Device for Online Measurement of Surfactant and Oil in Chemical EOR Applications**  
Christine Dalmazonne, *IFP Energies nouvelles, France*

15:45 **The Effect of Back-Produced EOR Polymers on Scale Squeeze Efficiency**  
Alan Beteta, *Heriot-Watt University, UK*

16:00 **Selection of Scale Inhibitors for Calcium Carbonate Inhibition in EOR Polymer Treatments - A New Approach**  
Miriam Barber, *Baker Hughes, UK*

**16:30 SYMPOSIUM REVIEW & CLOSING REMARKS**