

Program

Monday 31st October

08:00 Registration and coffee

09:00 Welcoming words, director of CBPF, Ronald Cintra Shellard

09:10 Opening of the conference, Consul General Sissel Hodne Steen

Conference Chair Stein-Gunnar Bondevik, Director, Innovation Norway

Institutional perspectives

09:20 Norwegian Ministry of Petroleum & Energy, Torgeir Knutsen, Deputy Director General

09:50 FINEP, Márcio Girão, Director

10:20 ANP, Luciana Mesquita, Deputy Manager

10:50 Coffee break

11:05 The Research Council of Norway, Siri Helle Friedemann, Director

11:30 CBPF, Ronald Cintra Shellard, Director

12:00 The Evolving Energy Landscape Morten Dæhlen, Dean, UiO

12:30 The offshore energy field of the future – a Norwegian perspective, Jon Kleppe, Center Director, NTNU

13:00 Lunch

Industrial perspectives

14:30 Outlook, Rystad Energy, Kjetil Solbrække

14:50 Petrobras, Eduardo Santos, Manager

15:10 Statoil, Fabiano Lobato, Head Research Centre Rio

15:30 Brazil-Norway education and research synergies for academia and industry, Bjarne Foss, Professor NTNU

15:50 Aker Solutions, Wilson Arruda Jr, R&D Manager

16:10 Coffee break

16:25 Embraer Sistemas, Daniel Moczydlower, President

16:45 Libra, Keith Lewis, Applied Technology Leader

17:05 Concremat Ambiental, Josefina Kurtz

17:25 Panel discussion with the institutional and industrial representatives

17:45 Final remarks and end of day 1

Social

18:30 Cocktails and

19:00 Conference dinner

Tuesday 1st November

08:00 Registration of new participants

08:50- 09:00: Introduction to day 2 by conference Chair Stein-Gunnar Bondevik

09:00 -10:15: Plenary session/workshop: Available funding mechanisms/calls for R&D collaboration relevant for BN21, and some cases/examples.

- INTPART/UTFORSK funding schemes: introduction to programs by Karen C. Johansen

- INPART application, example ReNoBra2, Kjell Arne Jacobsen

- Joint BN21 Calls (FINEP-RCN/Petromaks2): Short introduction and reflections on the 2016 call, by Rune

10:15 – 13:00 Parallel workshop session 1

1. Flow assurance/Multiphase flow

- Session Intro by session Chair, Anis Awal Ayati, UiO. 10 min
- Industrial Multiphase/Flow Assurance Challenges, NN2. 30 min
- Experimental investigation of stability of two-phase flow in pipes, Anis Awal Ayati, UiO. 30 min
- On the development of a joint/complementary course on experimental multiphase flows between PUC and UiO, Igor/Luis PUC. 30 min
- Advances in theoretical/numerical modeling of interfacial instability of two-phase flow in pipes, Prof. Daniel Rodriguez, Federal University of Flumiense
- Recent advances and challenges on industrial scale multiphase flow modeling, João Carneiro, Instituto SINTEF do Brasil. 30 min
- The upgraded SINTEF Large Scale Three Phase Flow Laboratory, KA Jacobsen. 10 min
- Wrap up and follow up discussions, Session Chair 10 min

2. Environment Monitoring and Risk Mitigation

- Session Intro by session Chair, Steinar Sanni. 5 min
- Environmental monitoring: Exploring novel DNA-based capabilities; opportunities for petroleum offshore activities, Thierry Baussant (IRIS; N). 30 min
- DNA bar coding experience for biodiversity assessments in Brazil, Mauro Rebelo (UFRJ; B). 30 min
- Towards validation and optimization of sustainable drill cutting discharges at sea; a marine ecosystem-based management approach, Leon Moodley/Steinar Sanni (IRIS; N). 30 min
- Modeling metal concentrations in pre-salt oils for risk mitigation, Lucas Machado (SENAI; B), 30 min
- Risk mitigation: biotechnological metal removal from pre-salt oil, Milica Markovic (BioBureau; B). 30 min
- Wrap up and follow up discussions, Session Chair. 10 min

13:00 – 14:00: Lunch

14:00 – 16:45 Parallel workshops session 2:

1. Integrated Operations

- Session chairs: Bjarne Foss (NTNU) and Kazuo Nishimoto (USP)
- Session Introduction, Patrick Reurink (NTNU). 10 min
- Petrobras Integrated Subsea Operation Center - CIOp-Sub, Enio Emanuel Ramos Russo (Petrobras). 20+5 min
- Closed Loop Integrated Production Modeling, Alberto Santos (UNICAMP). 20+5 min
- From data to knowledge - access and analytics, Morten Dæhlen (UiO). 20+5 min
- Integrated Operations Center Santos Basin – Telemedicine, Thiago Lopes da Rosa (Petrobras). 20+5 min
- SmartPipe - continuous mapping of the technical conditions of pipelines and risers, Kjell Arne Jacobsen (for SINTEF). 20+5 min
- Wrap up and follow up discussions, Session Chairs. 20 min

2. Nanotechnology and IOR/EOR in the value chain

- Session Chairs: Jon Otto Fossum NTNU/Marcio Cravalho PUC-Rio/Ying Guo (IRIS). 10 min
- Nanofluids for IOR, Paul Dommersnes (NTNU). 25 min
- Tracer technology (Nanoparticles, Koiti Araki (USP)/Tor Bjørnstad, video (IFE). 25 min
- Reservoir modeling from nano to macro scales, Catetano Miranda (USP). 25 min
- Nanoparticles/textiles/magnetic separation, NN (Golden Tech)/A.Skjeltorp (Giamag Tech). 25 min
- Effects of mud invasion on nanotechnology applications, Ingebret Fjelde, Chief Scientist (IRIS). 25 min
- Wrap up and follow up discussions, Session Chairs. 10 min

All workshops: Match making for new project proposals and partnership

16:45 – 17:00: Coffee
17:00 – 18:00: Closing panel session
Representative for Norwegian institutions: TBD
Representative for Brazilian institutions: TBD
Findings from Conference Day 1 and parallel sessions Day 2
How can Brazil-Norway collaboration be developed?
Looking ahead

Rio November Conference 2016

Welcome to the 4th November Conference!

Research, development and innovation collaboration in the oil and gas industry between Norway and Brazil. Two fundamental issues challenge the Norwegian and Brazilian oil & gas industry today. One short term and one long term. On the short term the the O&G industry has to adapt to the current low oil & gas prices in the market. The long term issue is related to the future low carbon world.

[Read more about this year's main topics.](#)

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