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| **Monday** | **Tuesday** | **Wednesday** | **Thursday** | **Friday** |
| **Offshore Oil and Gas Challenges** | **Offshore Oil and Gas Engineering Challenges** | **Offshore Oil and Gas**  **Economy –Reduction of Cost** | **Esbjerg Port and Site Facilities for Oil and Gas** | **Future Goals – Recovery pct. and Internationalisation** |
| **9.00 am** **Registration** at the main entrance.  **9.15 am Practical information** by Tove Morell.  **9.30 am** **Teambuilding** by Jens Bo Holm-Nielsen, Aalborg University Esbjerg.  **10.00 am Oil and gas research**  by Zhenyu Yang and Jens Bo Holm-Nielsen, Aalborg University Esbjerg.  **11.15 am** **Administration of participation** by Peter Kringhøj. | **8.30 am** Summary of Monday by Jens Bo Holm-Nielsen.  **9.00 am** **Process design – can we change mind-set?** By Anders Andreasen and Carsten Stegelmann, Ramboll Oil & Gas.  **10.00 am** Coffee break.  **10.30** am **Lifetime extension, offshore structures** by Bjørn V. Jønsson and Ulf T. Thygesen, Ramboll Oil & Gas.  **11.30 am** Discussion and reflections. | **8.30 am** **Project economics**  **challenges. Marginal fields and**  **higher costs** by Knud Sinding, University of Southern Denmark.  **10.00 am** Coffee break.  **10.30 am** **Reduction of costs.**  Student Group work by University of Sothern Denmark.  **11.30 am** **Study trip.** Four White Men. View to the sea. | **8.30 am** Summary of Wednesday by  Jens Bo Holm-Nielsen.  **9.00 am** **Closing the competitiveness gap through innovation** by Tove Brink, University of Southern Denmark.  **11.00 am** **Study Trip: Offshore oil and gas** activities at port of Esbjerg. | **9.00 am** **Innovation and future trends** by Martin Næsby, Olie Gas Denmark.  **10.00 am** Coffee break.  **10.30 am Key salute – Future oil and gas challenges** by Erling H. Stenby, CERE-Center, DTU.  **12.00 pm** **Summing up and future career at oil and gas companies** by Jens Bo Holm-Nielsen. |
| **12.00 pm** Lunch. | **12.30 pm** Lunch. | Lunch during study trip. | Lunch during study trip. | **12.30 pm** Lunch. |
| **12.30 pm** **Company profile and**  **topside engineering. Wave load calibration for DUC tripod structures. Daily work as engineer** by Maersk Oil and Gas A/S.  **02.30** Coffee Break.  **03.00 pm Installation of the Hejre field** by Dong Energy.  **HTHP-challenges** tbd.  **04.30 pm**  Discussion in panel and among participants. | **01.00 pm** **Offshore Oil and gas activities. Installation challenges** by Peter Høi Kock, Semco Maritime A/S.  **02.30 pm** Coffee break.  **03.00 pm What kind of challenges?** by Mogens Zoll Hundahl, Atkins.  **04.00** pm  Workshop – student groups**.** | **12.30 pm** **Visiting Welltec’s new production facilities in Esbjerg** incl. presentation of Welltec World-wide.  **03.00 pm Speed Business Networking.** Offshore oil and gas cluster companies and participants.  **05.30 pm How to live in Esbjerg** by Pia Enemark - Municipality of Esbjerg – Newcomer service. Meet expats. | **01.00 pm Visiting a platform or specialised ship.**  Planning in progress.  **06.00** pm **Administration of participation** by Peter Kringhøj. | **01.30 pm** End of seminar. |
| **06.00 pm** Dinner and get together. Various events. | **06.00 pm** Dinner on your own. | **07.00 pm** Dinner on your own. | **06.30 pm** Dinner and closing event. |  |

Refreshments will be served during morning and afternoon sessions.

The following companies and experienced university experts which will be involved in the advanced training seminar in the context Energy Campus Esbjerg:

**Jens Bo Holm-Nielsen**: Main planner of the seminar. 25 years of extended experience in Renewable Energy Resources. Head of Center for Green Engineering, Department of Energy Technology, Aalborg University – Esbjerg Campus. [www.et.aau.dk](http://www.et.aau.dk).

**Knud Sinding**: Associate professor at Department of Socio- and Business Economics, University of Southern Denmark – Esbjerg Campus. Analysis of business cases and financing of business projects. [www.SDU.dk](http://www.SDU.dk);

**Martin Næsby:** CEO ofOlie Gas Denmark. OGD is the umbrella organisation for all companies involved in the oil and gas activities. [www.oilgasdenmark.dk](http://www.oilgasdenmark.dk);

More details of the companies and experts will be announced later.

Any questions concerning the programme can be forwarded to:

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