Space & Energy

TIEMS Oslo October 22-24 2012

Brage W. Johansen

Space & Energy is a network of technology companies, knowledge and research institutions focusing on the parallel challenges and opportunities within the space and energy sectors.

We believe the intersection and interaction between these two large industries will reveal a vast potential for competence and technology transfer that will generate new solutions and new business opportunities.



















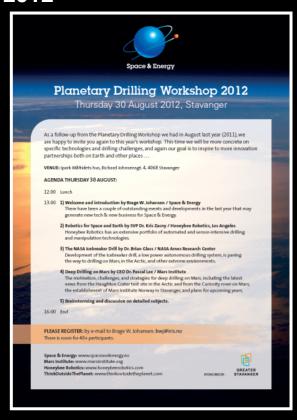




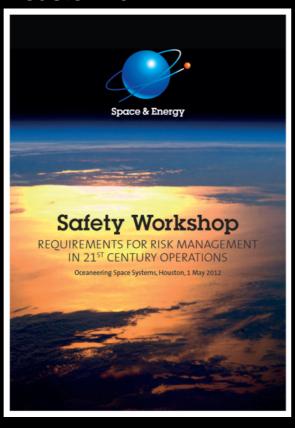
Space & Energy events 2010 - 2012:

Several seminars and workshops in Stavanger and US.

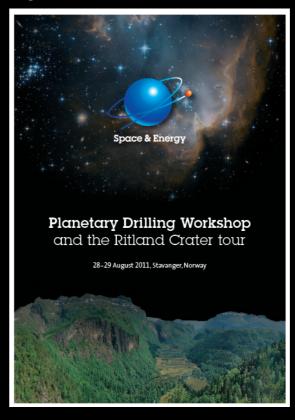
Workshop ONS Stavanger 2012



Workshop OTC Houston 2012



Workshop Stavanger 2011



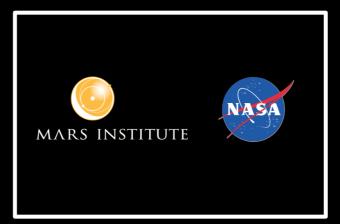
Seminar Stavanger 2011



Opening of Mars Institute in Norway ONS Stavanger 2012



Visit to Mars Institute and NASA Ames 2012



Pavillion ONS Stavanger 2010



Risk assessment...

















Crisis management robustness

Level 5: CM training for many anytime: culture

Level 4: CM training for some sometimes

Level 3: CM-plan connected to other systems/sensors

Level 2 : CM-plan digital in your hand

Level 1: CM-plan on paper in your archive

Level 0: No crisis management plans (CM-plans)



The tools in a crisis

must be characterised by

Simplicity Robustness Efficiency

and be Available

Crisis management improvisation





The IMMER R&D Project

Information Security, Incident Management and Emergency Preparedness in IT-based Operations

- User driven Research project (BiP) stretching over 4 years
 - Partners:
 - IntraPoint project owner funding/research/software
 - Norwegian research council funding partner Verdikt program
 - SINTEF ICT & Security research partner
 - SINTEF Technology & Society research partner
 - Norwegian University of Technology and Science (NTNU) research partner, PhD student
 - Tulane University research partner
 - UC Berkeley research partner
 - Carnegie Mellon Silicon Valley research partner
 - Statoil industrial partner
 - Shell industrial partner
 - Telenor industrial partner
 - Amtrak industrial partner
 - Alitalia industrial partner



Work Packages of IMMER

- WP 1: Cross-sectoral state of the art study
- WP 2: Plan for emergency preparedness for communication infrastructure
- WP 3: Integrated operations, information security and emergency preparedness
- * WP 4: Automatic monitoring and alerts of critical information security incidents
- * WP 5: Performance indicators for 'information security incident management'
- WP 6: Dissemination
- WP 7: Project management

