

Semantic Days 2012

May 7-8

*POSC Caesar Association (PCA)
Pre Conference Workshops and
Meetings*

Hosted by

Statoil

*Vassbotnen 23
Sandnes, Norway*

May 8-10

*Sola Strand Hotel,
Axel Lunds veg 27, Sola, Norway*

Semantic Days 2012 focuses on how semantics can enable **Intelligent Information Management**, and is organized with the following main headings:

- Big Data
- Real-Time data
- Information quality
- Data Management and Reporting



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Programme

May 8th Tuesday

12:00-13:00 Lunch

13:00-17:00 **Tutorials: Three parallel sessions**

Information and Data Quality	Introduction to Semantic Technology	Big Linked Data
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May 9th Wednesday

08:30-09:00 Registration and Coffee

09:00-10:40 **Keynotes session: Intelligent Information Management – Needs and solutions**

09:00-09:10 Welcome from the program committee: PhD. Kari Anne Haaland Thorsen

09:10-09:40 Keynote: Correct information to the right person at right time, Commodore Sverre Engeness – INI Norwegian Defence

09:40-10:10 Keynote: Relevant and trustworthy information – a crucial ingredient in risk management, Marianne Hauso, Director of Operation - DNV Risk Management Solutions

10:10-10:40 Keynote: Using Data from the Web to observe communities, Professor Stefan Decker, Director - Digital Enterprise Research Institute (DERI)

10:40-11:00 Coffee Break

11:00-12:30 **Session 1: Big Data**

11:00-11:30 On demand access to Big Data through Semantic Technologies, Petter Haase, Fluid Operations

11:30-12:00 Scaling-out Semantic Data – Management and Processing, PhD Tomasz Włodarczyk, University of Stavanger

12:00-12:30 Building Earth Observatories using Semantic Web and Scientific Database Technologies, Professor Manolis Koubarakis, University of Athens

12:30-13:30 Lunch

13:30-15:00 **Session 2: Real-time Data**

13:30-14:00 Challenges, Approaches, and Solutions in Stream Reasoning, Assistant Professor Emanuele Della Valle, DEI - Politecnico di Milano

14:00-14:30 The North West Red Water Project, Alan T. Johnston, President - MIMOSA

14:30-15:00 Challenging Real-time Data with Semantic Technologies, PhD. Mikhail Roshchin, Siemens

15:00-15:30 Afternoon Break

15:30-17:00 **Session 3: Data Management and Reporting**

15:30-16:00 EPIM ReportingHub – Semantic Reporting for Norwegian Oil and Gas Industry, David Price, Managing Director - TopQuadrant Limited, UK

16:00-16:30 Semantic Challenges in Environmental Monitoring, PhD. Vidar Hepsø, Principal Researcher - Statoil

16:30-17:00 Linked Data for the Enterprise: Opportunities and Challenges, Marin Dimitrov, CTO - Ontotext

18:00-23:00 Conference Dinner

May 10th Thursday

08:00-08:30 Registration and Coffee

08:30-10:00 **Session 4: Information Quality**

08:30-09:00 Data Quality Challenges in Acquisition of Fighter Vehicles, Jarle Kvanli

09:00-09:30 How to Access Data Quality Challenges in Joint Intelligence and Reconnaissance, Trygve Sparr (Norwegian Defence INI – Speaker not confirmed)

10:00-10:30 Coffee Break

10:30-12:00 **Session 5: Information Quality – continues**

10:30-11:00 Semantic search and reporting implementation in 15926 platform, Victor Agroskin, Vice-President TechInvestLab.ru

11:00-11:30 Practical Usage of ISO 15926 Reference Data, Darius Kanga, Product Manager Bechtel

11:30-12:00 Professor Markus Stumptner, University of South Australia

12:00-13:00 Lunch

13:00-16:00 **Project Parallel Sessions**

JORD	EqHub	Integrated Real-time Environmental Monitoring in the Oil and Gas Industry
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