

# WELCOME & SETTING THE SCENE

FINAL IQMULUS WORKSHOP

Bergen, Norway

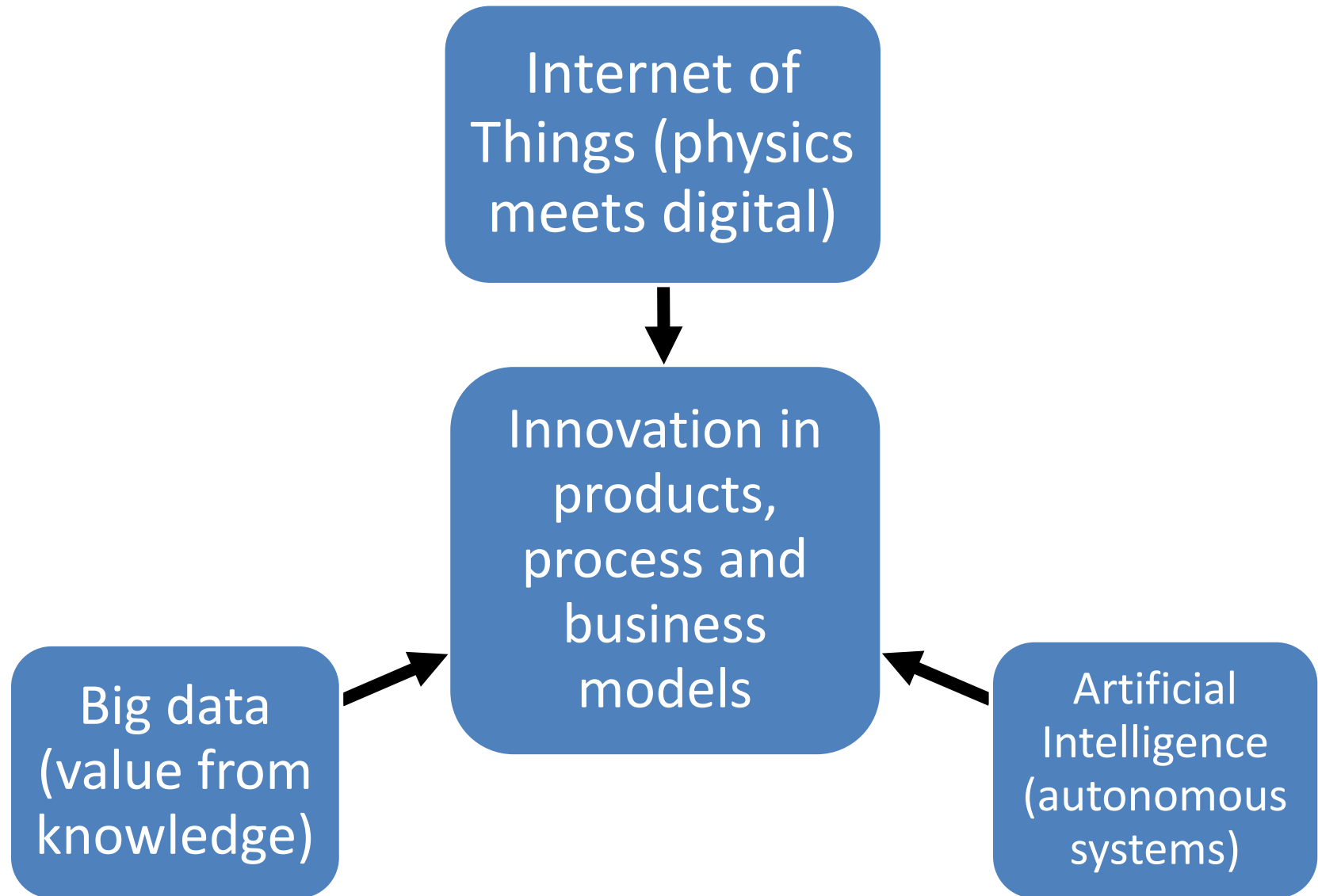
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Tor Dokken, SINTEF  
tor.dokken@sintef.no  
Chair of the workshop

The research leading to these results has received funding from the European Union Seventh Framework Programme (FP7/2007-2013) under *grant agreement* n° 318787.

- 12:00-12:10 Welcome and setting the Scene Tor Dokken, SINTEF, NO
- 12:10-12:40 Points, maps and terrain models in the Hydrographic Service, Henning Sundby, The Norwegian Mapping Authority, NO
- 12:40-12:55 Wave Front Detection, Touria Bajjouk, iFremer, FR
- 12:55-13:15 Deconfliction, Vibeke Skytt SINTEF, NO
- 13:15-13:30 Change detection, Lucie Cocquempot Université de Bretagne Occidentale, FR
- 13:30-13:45 Multi-resolution modelling for land monitoring, Giuseppe Patane CNR-IMATI, IT
- 13:45-14:00 Analysis of precipitation data, Giuseppe Patane CNR-IMATI, IT
- 14:00-14:20 IFlood and waterlogging detection, Daniel Kristof FÖMI, HU
- 14:20-14:40 Break - coffee/drinks
- 14:40-15:00 Extracting tree locations from big mobile mapping data, Roderik Lindenbergh, TU Delft, NL
- 15:00-15:20 Distributed Random Forest classification of urban mobile mapping data, Christian Alis, University College London, UK
- 15:20-15:40 3D watertight mesh generation with uncertainties, Laurent Caraffa IGN, FR
- 15:40-16:00 Break - coffee/drinks
- 16:00-16:30 IQmulus - Infrastructure, Michel Krämer, Fraunhofer IGD, DE
- 16:30-17:00 IQmulus - Quantitative performance assessment (Scalability), Norman Kießlich, M.O.S.S. Computer Grafik Systeme GmbH, DE
- 17:00-17:20 IQmulus- User Evaluation, Marina Maurin, IGN, FR and Daniel Kristof, FÖMI, HU
- 17:20-17:35 IQmulus - Exploitation of IQmulus results, Quillon Harpham, HRW, UK
- 17:35-17:55 Distributed processing of Dutch AHN laser altimetry changes in the built-up area, Cser'ep M'at'e, Eötvös Loránd University, Budapest, HU

- The program addresses challenges of big geospatial data from marine, land and urban scenarios
- It is dominated by the outcomes of the fp7 Integrating Project IQmulus
  - The introductory talk from the Norwegian Mapping Authorities address the special challenges of Norway with respect to ocean floor/sea bed representation and processing
- The workshop also relates to digitization and technologies current driving the changes in society



Geospatial big  
smart data

- Analytics
- Storage
- Cloud
- Workflows

IQmulus

Big data  
(value from  
knowledge)

Innovation in  
products,  
process and  
business  
models



