A MADONE tutorial:  
*Holistic Design and Operation of Networked Enterprises*

*Keywords are:* Agile Approach, Holistic Design, Collaborative Networking, Continuous Innovation and Learning, Model-based Architecture-driven Solutions, and Active Knowledge Architecture.

*Purpose:* Learn how to design collaborative networked enterprises, supporting continuous innovation and operation of emergent solutions. Communicating the availability of new design and modelling concepts, approaches, methods, platforms and solutions, and capturing the core knowledge of emergent solutions.

*Program and contents:*
1. Networked Enterprise Design and Innovation – purpose, needs, and opportunities
2. Holistic Design Methodologies, concepts, methods and principles
3. Use-case modelling and execution; - healthcare, industry and public sector examples
4. Model-based, Architecture-driven alternative solutions and agile workplaces
5. The MADONE network, and Q/A

*Targeted audience:* The tutorial will describe and demonstrate new approaches and working methods, and new business opportunities for industry and public management, senior users, educators, consultants and researchers. Practical experience from enterprise modelling, information management and ICT is desirable, but not required.

*Participant values:*
- Participants will learn about new approaches, concepts, methods and opportunities:
  - Agile approaches to active knowledge architecture, and networking knowledge bases
  - Model-based workplace design, work execution and workspace replication
  - Holistic design of networked solutions, capturing design rules and parameters
  - Continuous learning by workspace and knowledge sharing and competence transfer
  - Collaborative product and process design methodology for multiple concurrent alternatives.

*Presenters:* Manager R&D Frank Lillehagen, Commitment AS, Oslo, Professor John Krogstie, NTNU, Trondheim, Norway. Contact: frank.lillehagen@commitment.no

*Program:* the MADONE tutorial will last 90 minutes and be delivered on Tuesday June 16.

*Background:* The presenters have worked with enterprise modelling since 1989, and with global Enterprise Architecture since 1994 contributing to most existing architecture frameworks, see [http://activeknowledgemodeling.com/](http://activeknowledgemodeling.com/). The focus has since been on building active models and Active Knowledge Architecture (AKA). MADONE is now focussing new approaches, new technologies and innovative collaborative solutions.

*Materials:* The participants will get advance access to all slides, notes and open reports from practical pilots.