Understanding IT Governance

**Why?**
- Improve our knowledge
- Adapt IT governance concepts
- Enhance engineering methods

**How?**
Using a framework and positioning approaches related to IT governance

Framework modelling approach

Subject world

**What is IT governance?**

The "coverage" facet is representative of the main enterprise objective in deploying IT.

- **Coverage** facet represents the enterprise context for decision-making and delegation (centralised, decentralised or hybrid).

Usage world

**What are the user objectives in using IT governance?**

- **Alignment** facet is representative of the IT usability, efficiency, efficacy and degree of goal completion.

Development world

**How is developed the IT governance system?**

The "architecture" approach is representative of the way of modelling the enterprise knowledge using strategic modelling, centrally or being guided by the target IT.

- **Architecture approach** facet represents the enterprise objectives and their associated OBJECTIVES.

System world

**What are the characteristics of the system?**

- **Topography** facet is used to characterise the IT deployment in the organisation. The topography can be centralised, distributed or hybrid.

- **Description** facet is representative of the way to represent concepts and is related to the attributes FORM and NOTATION used to describe them.

Research and future works

- Improving engineering methods for IT governance anticipation.
- Developing reusable method chunks for enhancing engineering methods.
- Studying relationships between IT governance and Business/IT alignment.

Extend the MAP model and EKD-CMM method

Meta-model and sample of the MAP model (Rolland et al., 1999)

Enterprise modelling using EKD-CMM (Nurcan and Rolland, 2003)