Semantic Approach to Modelling a Consumer Electronics Enterprise

Mentor: **Michael Galkin**
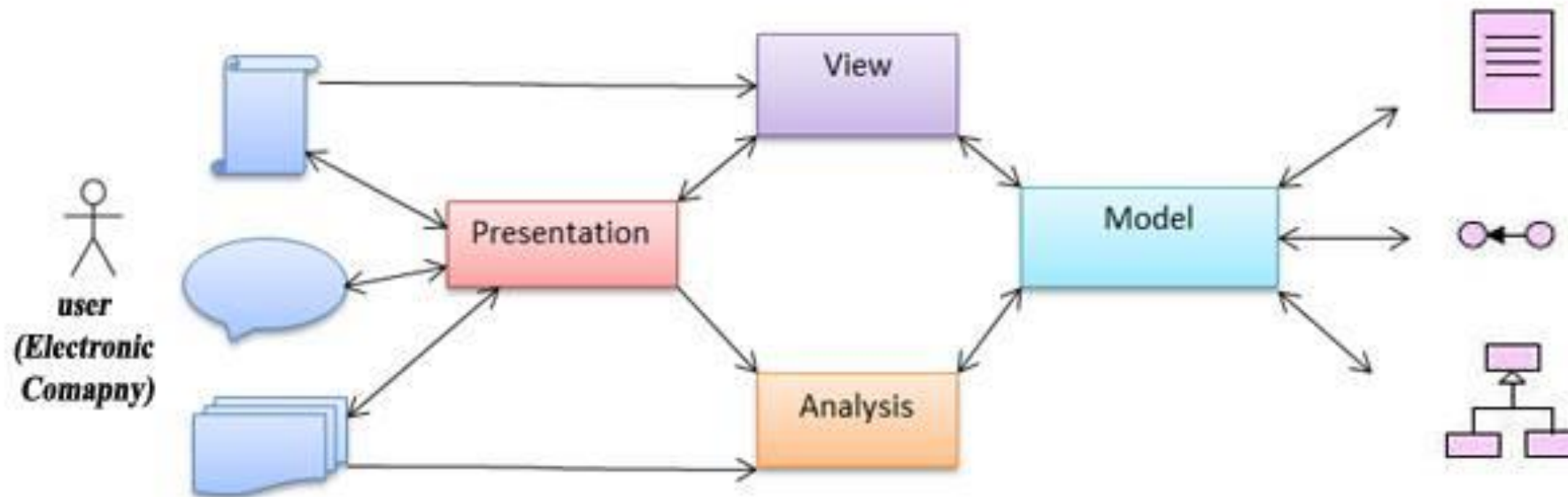
Group: **Shirin Ameri**

Shiva Shokuhi

Eliza Koshtoyan

Yi Chen

universitätbonn

Rheinische
Friedrich-Wilhelms-
Universität Bonn

EIS

ENTERPRISE
INFORMATION SYSTEMS

Consumer Electronics Enterprise

Goal

1. Develop a comprehensive, consistent and unambiguous enterprise architecture:

    ▶ Organizational structure

    ▶ Functional structure

    ▶ Models of business processes

    ▶ Logistics

    ▶ Finance

    ▶ Different sell channels

2. Develop the ontology of the enterprise

Tools

Modelling Tools

- ▶ Sparx Enterprise Architect
- ▶ ARIS

Graphical Visualization Tools

- ▶ Archimate
- ▶ UML