

# Riga Technical University

## Department of System Theory and Design

### Knowledge and Learning

Riga, Latvia



Researcher

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# Information, Knowledge and Learning

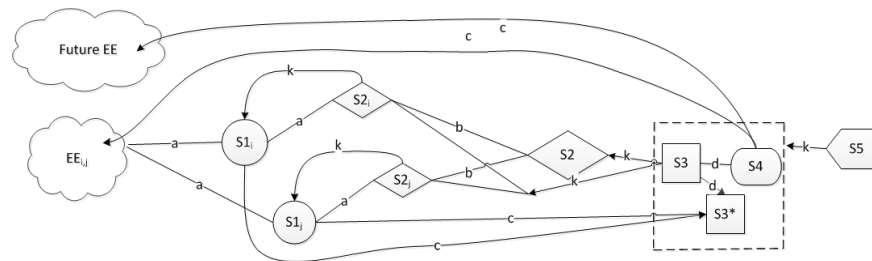


- E-learning
  - Interactive classification system
  - Service oriented knowledge demand system
  - Intelligent knowledge assessment system
  - Algorithms for conceptual and automatic information searching
  - Agent based intelligent tutoring systems
- System theory for knowledge
  - Viable Systems Model

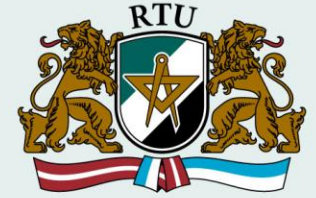
# Project Idea



- We propose to create on **Viable System's Model** based **emotional agents** architecture to connect “what agent knows” and “what agent feels” and assess agent's **emotional intelligence**
  - **Viable Systems Model** – functional model which ensures unit's viability

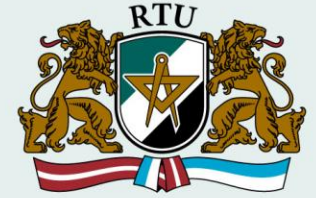


- **Emotional intelligence** – indicator of ability to express, acknowledge and recognize emotions



# Partnership Possibilities

- **We are interested in projects related to**
  - E-learning, tutoring and knowledge assessment systems and algorithms
  - Viable Systems Model
- **We can offer**
  - Unique experience and knowledge in our fields
  - Well performed requirements engineering for information systems
  - Well established collaboration with enterprises for statistics gathering and analysis



# Thank you for your attention!

**Feel free to contact me about any projects related to our research areas!**

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