

## **SFAI'18 (Spring) Program**

Date: 2018.05.19

Venue: AMSS/CAS

Organizer: Sanjiang Li, Songmao Zhang, Ruqian Lu

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### **8:30 - 9:20: Talk 1**

#### **Machine Theorem Discovery**

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Prof Fangzhen Lin

Department of Computer Science and Engineering

Hong Kong University of Science and Technology, Hong Kong

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### **9:20 - 10:10: Talk 2**

#### **Strong Spatial Cognition -- A new AI paradigm for spatial problem solving**

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Prof Christian Freksa

Bremen Spatial Cognition Center, University of Bremen, Germany

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### **10:10 - 10:30 Tea Break**

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### **10:30 - 11:20: Talk 3**

#### **Ontology-based data access: Walking the tightrope between efficiency and expressiveness**

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A/Prof Heng Zhang

Tianjin University

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### **11:20 - 12:10 Talk 4**

#### **An introduction to the AI group at the Institute of Mathematics CAS**

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Prof Songmao Zhang

AMSS, CAS

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**12:10 - 2:00 Lunch**

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**2:00 - 2:50 Talk 5**

**Applications of knowledge representation on conversational system**

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Prof Xiaoyan Zhu  
Tsinghua University

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**2:50 - 3:40 Talk 6**

**Knowledge representation and reasoning for knowledge graphs: theory and practice**

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Prof Guilin Qi  
Southeast University

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**3:40 - 4:00 Tea Break**

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**4:00 - 4:50 Talk 7**

**Representation Learning for Large-Scale Knowledge Graphs**

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A/Prof Zhiyuan Liu  
Tsinghua University

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**5:50 - 6:00 General Discussion**

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**6:00 - 8:30 Dinner**

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