

From Computation to Agency

Oct 28-29 2017

• **Oct 28 2017 - Saturday** Location: **Jiasuo Hotel Meeting Room No.2**

09:00~09:20 morning coffee

5_{min} opening

Morning Session Chair: **Johan van Benthem** (Tsinghua, Stanford and Amsterdam)

09:25~10:05 **Ju Wang** (Chinese Academy of Sciences)

Generating paths and conservative extension algorithms

~10:25 comment by **Kaile Su** (Jinan University & Griffith University)

♠ 10:25~10:35 group photo

10:40~11:20 **Kaile Su** (Jinan University & Griffith University)

Symbolic manipulation based on deep neural networks
and its application to axiom discovery

~11:40 comment by **Malvin Gattinger** (Tsinghua-UvA Joint Research Center for Logic)

11:45~12:15 Student session: **Chenwei Shi** (Tsinghua-UvA Joint Research Center for Logic)

Reason to believe--default reasoning and belief revision

115_{min} lunch

Afternoon Session Chair: **Ju Wang** (Chinese Academy of Sciences)

14:10~14:50 **Pingzhong Tang** (Tsinghua University)

Large-scale mechanism design

~15:10 comment by **Yanyan Xu** (Beijing Forestry University)

15:15~15:45 Student session: **Kaibo Xie** (Tsinghua-UvA Joint Research Center for Logic)

Plausibility model resulting from causal intervention

20_{min} tea break

16:05~16:45 **Junhua Yu** (Tsinghua University)

Instantial neighborhood logic:
proof theory and interpolation theorem

~17:05 comment by **Minghui Ma** (Sun Yat-sen University)

17:10~17:40 Student session: **Yinqiu Zhu** (Tsinghua University)

Circular proofs for Visser's formal propositional logic

♠ 19:00~21:00 Evening Lecture by **Joseph Halpern** (Cornell University)

Game theory with translucent players

• **Oct 29 2017 - Sunday** Location: **Jiasuo Hotel Meeting Room No.2**

09:15~09:35 morning coffee

Morning Session Chair: **Jiahong Guo** (Beijing Normal University)

09:35~10:15 **Satoshi Tojo** (Japan Advanced Institute of Science and Technology)
Linear algebraic representation of knowledge state of agent

~10:35 comment by **Yanjing Wang** (Peking University)

10:40~11:20 **Chin-mu Yang** (Taiwan University)
A structural analysis of Davidsons triangulation
argument in the logic of actions

~11:40 comment by **Qing Jia** (Chinese Academy of Social Sciences)

11:45~12:15 Student session: **Malvin Gattinger** (Tsinghua-UvA Joint Research Center for Logic)
Symbolic model checking perspectives on
dynamic epistemic logic: bisimulations and factual change

115_{min} lunch

Afternoon Session Chair: **Fenrong Liu** (Tsinghua University)

14:10~14:50 **Huanfang Dong** (Baidu, Inc.)
Logic meets statistics at feed news recommendation

~15:10 comment by **Fengkui Ju** (Beijing Normal University)

15:15~15:45 Student session: **Kun Xing** (Tsinghua University)
A cognitive and formal representation of objects and events

20_{min} tea break

16:05~16:45 **Johan van Benthem** (Tsinghua, Stanford and Amsterdam)
Against all odds: Logic meets probability

~17:05 comment by **Shengyang Zhong** (Sun Yat-sen University)

5_{min} closing