

0900-0915	<p>Workshop Welcome Organizers Biplav Srivastava, Susanne Biundo</p>
0915-1000	<p>Invited Talk 1: Title: Statistical Machine Learning for Dialog Management; its history and future promise. Speaker: Dr. Paul Crook, Microsoft Research</p>
1000-1030	<p>Paper Spotlights 1 A-1: MEETING BOT: Reinforcement Learning for Dialogue Based Meeting Scheduling A-2: Knowledge-Graph Driven Information State Approach to Dialog</p>
1030-1100	<p>----- <i>Coffee Break / Poster Session</i> -----</p>
1100-1145	<p>Paper Spotlights 2 A-3: An Inherently Explainable Model for Video Activity Interpretation A-4: Building Dialogue Structure from Discourse Tree of a Query Lightning talks: B-1, B-2, B-3, B-4</p>
1145-1230	<p>Invited Talk 2: Title: Continuous Improvement of Intelligent Assistants Through Interaction with Live Customers Speaker: Dr. Erik T. Mueller, Capital One</p>
1230-1400	<p>----- <i>LUNCH</i> -----</p>
1400-1445	<p>Invited Talk 3: Title: Combining Functional Programming, Probabilistic Reasoning, and Machine Learning in an Event-Driven AI Agent Framework Speaker: Matt Davis, IBM Research</p>
1445-1530	<p>Paper Spotlights 3 A-5: Production Ready Chatbots: Generate if not Retrieve A-6: Specifying and Implementing Multi-Party Conversation Rules with Finite-State-Automata A-7: State Tracking Networks For Dialog State Tracking</p>
1530-1600	<p>----- <i>Coffee Break / Poster Session</i> -----</p>
1600-1645	<p>Invited Talk 4: Title: Interactions with Social Robots - issues and challenges in combining knowledge and dialogue capabilities for digital companions Speaker: Prof. Kristiina Jokinen, Helsinki University, Finland and NAIST, Japan</p>

1645-1730	<p>Panel and Closing Moderator: Susanne; Panelists: All Invited Speakers – Paul, Matt, Erik, Kristina Topic – Challenges in Wide-Scale Adoption of Chatbots to Help Those Needy (Children, Elderly or Physically Challenged)</p> <p>Closing: Biplav Srivastava</p>
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Reviewed Papers

A. Full presentations

1. MEETING BOT: Reinforcement Learning for Dialogue Based Meeting Scheduling, Vishwanath D, Lovekesh Vig, Gautam Shroff and Puneet Agarwal
2. Knowledge-Graph Driven Information State Approach to Dialog, Svetlana Stoyanchev and Michael Johnston
3. An Inherently Explainable Model for Video Activity Interpretation, Sathyanarayanan Aakur, Fillipe de Souza and Sudeep Sarkar
4. Building Dialogue Structure from Discourse Tree of a Query, Boris Galitsky
5. Production Ready Chatbots: Generate if not Retrieve, Aniruddha Tammewar, Monik Pamecha, Chirag Jain, Apurva Nagvenkar and Krupal Modi
6. Specifying and Implementing Multi-Party Conversation Rules with Finite-State-Automata, Maira Gatti de Bayser, Melina Alberio Guerra, Paulo Cavalin and Claudio Pinhanez
7. State Tracking Networks For Dialog State Tracking, Xuguang Wang, Xingyi Cheng, Jie Zhou and Wei Xu

B. Lightning Talks and Poster Presentations

1. Gated Orthogonal Recurrent Units: On Learning to Forget
Li Jing, Caglar Gulcehre, John Peurifoy, Yichen Shen, Max Tegmark, Marin Soljagic and Yoshua Bengio
2. `Did I Say Something Wrong?`: Towards a Safe Collaborative Chatbot
Merav Chkroun and Amos Azaria
3. Making Personalized Recommendation through Conversation: Architecture Design and Recommendation Methods
Sunhwan Lee, Robert Moore, Guang-Jie Ren, Raphael Arar and Shun Jiang
4. Automatic Extraction of Domain Specific Latent Beliefs in Customer Complaints to help tailor Chatbots
Amit Sangroya, C. Anantaram, Pratik Saini and Mrinal Rawat