# AAAI 2017 Human-Aware AI Workshop

**Feb 4th 2017 (Saturday) 9am – 5pm**  
**Hilton San Francisco Union Square, Room: Union Square 3/4**

## Schedule:

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
</table>
| 0900-0915 | Workshop Welcome  
Kartik Talamadupula |
| 0915-0945 | **Invited Talk 1:**  
*Lessons Learned in Building Human-Aware Systems for Data Science*  
Craig Knoblock |
| 0945-1015 | **Invited Talk 2:**  
*Artificial Intelligence for Augmenting Human Capabilities*  
Karen Myers |
| 1015-1030 | Paper Spotlights 1 |
| 1030-1100 | **Coffee Break / Poster Session** |
| 1100-1115 | Paper Spotlights 2 |
| 1115-1145 | **Invited Talk 3:**  
*Planning Challenges in Human-Aware AI Systems*  
Subbarao Kambhampati |
| 1145-1230 | **Panel 1:**  
*Challenges in Involving Humans in AI Systems* |
| 1230-1400 | **LUNCH** |
| 1400-1430 | **Invited Talk 4:**  
*Ethical Issues in AI*  
Francesca Rossi |
| 1430-1500 | **Invited Talk 5:**  
*The Role of Dialog in Augmented Intelligence*  
Murray S. Campbell |
| 1500-1530 | **Invited Talk 6:**  
*Human-aware AI for Social Good*  
Milind Tambe |
| 1530-1600 | **Coffee Break / Poster Session** |
| 1600-1645 | **Panel 2:**  
*Regulations & Conventions for Deploying AI Systems for General Use* |
| 1645-1700 | Closing Remarks |
Panels:

Morning: Challenges in Involving Humans in AI Systems
Panelists: Craig Knoblock, Karen Myers, Subbarao Kambhampati

Afternoon: Regulations & Conventions for Deploying AI Systems for General Use
Panelists: Murray S. Campbell, Milind Tambe, Lokesh Johri

Accepted Papers (Spotlights & Posters):

Note: Not in order of presentation

1 Learning to Suggest Phrases
Kenneth Arnold, Kai-Wei Chang, Adam T. Kalai

Balasubramaniyan Chandrasekaran, James M. Conrad

3 Using Co-Captured Face, Gaze, and Verbal Reactions to Images of Varying Emotional Content for Analysis and Semantic Alignment
Aliya Gangji, Trevor Walden, Preethi Vaidyanathan, Emily Prud'hommeaux, Reynold Bailey, Cecilia O. Alm

4 "Why Did You Do That?" Explainable Intelligent Robots
Raymond Ka-Man Sheh

5 The Off Switch
Dylan Hadfield-Menell, Anca Dragan, Pieter Abbeel, Stuart Russell

6 Explaining Ourselves: Human-Aware Constraint Reasoning
Eugene C. Freuder

7 Health Behavior Coaching: A Motivating Domain for Human-Aware Artificial Intelligence Research
Shiwali Mohan, Anusha Venkatakrishnan, Danny Bobrow, Peter Pirolli

Organizers:

- Kartik Talamadupula, IBM Research (Designated Contact)
  krtalamad@us.ibm.com

- Shirin Sohrabi, IBM Research
  ssohrab@us.ibm.com

- Biplav Srivastava, IBM Research
  biplavs@us.ibm.com

- Loizos Michael, Open University of Cyprus,
  loizos@ouc.ac.cy