

# AAAI 2017 Human-Aware AI Workshop

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

## Schedule:

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

## **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*

### **2 Complete Coverage Planning: Achieving Human Interaction and Maximum Coverage during an Autonomous Robotic Vehicle Navigation of an Unknown Terrain**

*Balasubramanian 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:**

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