Monday 21st March

9:00 – Welcome and Overview
9:15
9:15 Keynote Address: Gary Kreps, George Mason University
10:30 -
11:00 BREAK
11:00 1-minute introductions (max 1 slide)
11:30 Patient Empowerment and Education (chair: Sara Rubinelli)
11:30 Internet-based patient education intervention for Fibromyalgia: a model-driven evaluation Luca Camerini, Anne-Linda Frisch and Peter Schulz
12:00 "Bad" Literacy, the Internet, and the Limits of Patient Empowerment Peter Schulz and Kent Nakamoto
12:15 Open Discussion
12:30 – LUNCH
2:00 AI solutions for Coaching and Training Healthcare Professionals (chair: Nancy Green)
2:00 Dr. Vicky: A Virtual Coach for Learning Brief Negotiated Interview Techniques for Treating Emergency Room Patients Brian Magerko, James Deen and Avinash Idnani
2:30 PATSy & VL-PATSy: Online case-based training for healthcare professionals Richard Cox
3:00 Open Discussion
3:30 – BREAK
4:00 Keynote Address: Eric Horvitz, Microsoft Research
4:45 Open Discussion
6:00 – Reception
Tuesday 22nd March

9:15  **AI solutions for communicating health risks** (chair: Donia Scott)

9:45 Artificial Intelligence and Risk Communication

9:30 Calculating Alcohol Risk in a Visualisation Tool for Promoting Healthy Behaviour

10:00 Open Discussion

10:30 -

11:00 **Intelligent Conversational Agents for Healthcare Communication** (chair: Sara Rubinelli)

11:00 Applications of Agent-Based Models of Clinicians and Patients

11:15 Longitudinal Remote Follow-Up by Intelligent Conversational Agents for Post-Hospitalization Care

11:30 An Intelligent Conversational Agent for Promoting Long-term Health Behavior Change using Motivational Interviewing

11:45 Open Discussion

12:30 -

2:00 **Accessing Health Information** (chair: Donia Scott)

2:00 Socio-Semantic Health Information Access

2:20 Accessing Structured Health Information through English Queries and Automated Deduction

2:40 Open Discussion

2:50 Break

4:00 **Posters and Demos** (Room 202)

4:00 A Health Rhetorical Model for Authoring Personalized Mobile Health Information

4:15 Arguing Antibiotics: A Pragmat-Dialectical Approach to Medical Conflict Resolution

4:30 Intelligent Monitoring of the Elderly in Home Environment

4:45 A Rapid Prototyping Environment for Character Behavior

5:00 Cancer education touchscreen kiosks

5:15 Spatiotemporal knowledge representation and reasoning under uncertainty for action recognition in smart homes

6:00 **Plenary Joint Spring Symposium Session**
### Wednesday 23rd March

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<tr>
<td>9:15</td>
<td><strong>Designing Health Communication</strong> <em>(chair: Nancy Green)</em></td>
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<td>9:15</td>
<td>The Problem of Premissary Relevance</td>
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<td>9:30</td>
<td>Participatory Design and Artificial Intelligence: Strategies to Improve Health</td>
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<td>Virtual Coach for Mindfulness Meditation Training</td>
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<td>11:00</td>
<td><strong>Panel (TBA)</strong></td>
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