

Day 1 **Wednesday, April 8, 2015**

8:00-8:30 am **Registration and Breakfast (REGISTRATION: <http://goo.gl/forms/f8VK20RXlm>)**
Location: Beverly/Flamingo/Statler on 1st floor

8:30-9:00 am **Welcome - Fillia Makedon, Center Director & Ovidiu Daescu, UT-Dallas site Director**
Dr. Khosrow Behbehani, Dean College of Engineering, UT Arlington
Dr. Mark Spong, Dean of the College of Engineering and Computer Science, UT Dallas
DR. Duane Dimos, Vice President of Research, UT Arlington
Dr. Anand Puppala, Associate Dean of Research, College of Engineering, UT Arlington

9:00-9:40 am **Kickoff Meeting Goals, Vision and Capabilities of the Center**
Fillia Makedon, UT Arlington and Ovidiu Daescu, UT Dallas

9:40-10:30 am **NSF I/UCRC Presentations**
Dr. Rita Rodriguez, NSF I/UCRC Program Director
Dr. Alex Schwartzkopf, NSF Expert, I/UCRC
Dr. Dee Hoffman, NSF I/UCRC Center External Evaluator

10:30-10:45 am **Break**

10:45-12:45 pm **UT Arlington Project Presentations: 15m presentations; 5m discussions; 4m LIFE Form completion**

- 10:45 - 11:05am *PERFORMANCE ENHANCING MOBILE APPLICATIONS*
Christoph Csallner: Reverse Engineering Mobile Applications
- 11:09 - 11:29am *ACCIDENT PREVENTION, MULTI-CAMERA SYSTEMS*
Gian-Luca Mariottini: Predicting Fall Risks: iGait: A Low-Cost Multi-Camera System
- 11:33 - 11:53am *BIG DATA KNOWLEDGE EXTRACTION & ANALYSIS; SOCIAL COMPUTING*
Chengkai Li: Data In, Facts Out: Automated Fact Monitoring by FactWatcher
- 11:57 - 12:17pm *HUMAN ACTIVITY RECOGNITION TECHNOLOGIES*
Vassilis Athitsos: Motion Analysis, Multimodal Databases and Risk Prevention
- 12:21 - 12:41pm *HUMAN ROBOT INTERACTION, WEARABLES & SAFETY IN THE WORKPLACE*
Chris McMurrough & Fillia Makedon: Eyetracking and Augmented Reality Wearables for Human-Robot Cooperation

12:45-1:45 pm **Working Lunch with POSTER presentations and DEMOS –See List at the end of program**

- 1:45-3:45 pm** **UT Dallas Project Presentations**
- 1:45-2:05 pm *PERFORMANCE ENHANCING TOOLS & SYSTEMS*
Ryan McMahan: Virtual Reality for Safety Training
 - 2:09-2:29 pm *ASSISTIVE SOFTWARE AND DEVICES*
Ovidiu Daescu: Patient Driven Medical Service Location Software
 - 2:33-2:53 pm *SMART WEARABLE DEVICES AND SYSTEMS – DINESH PLEASE OK CHANGE*
Dinesh Bhatia: SmartShoe: A Generic Platform for Human Needs
 - 2:57-3:17 pm *HUMAN ACTIVITY RECOGNITION TECHNOLOGIES*
Carlos Busso: Emotionally Aware Healthcare Interfaces
 - 3:21-3:41 pm *HUMAN ENHANCING TECHNOLOGIES*
Prabha Balakrishnan: Haptics and Virtual Reality Enhancing Performance

3:45-4:00 pm **Coffee Break**

4:00-4:30 pm **Company Responses**

4:30-5:30 pm **IAB Organizational Meeting and Formative Discussion** (*IAB members & NSF only*)

- Impressions of day 1
- Day 2 project voting process
- Project management & mentoring framework for selected projects
- Election of IAB Chair and Chair-Elect (secretary)

5:30-6:00 pm **Technical Forum**

6:00-8:30 **RECEPTION & Dinner, Banquet room HILTON, 1st. floor** (**RSVP** <http://goo.gl/forms/f8VK20RX1m>)

Day 2 **Thursday, April 9, 2015**

8:00-8:30 am **Breakfast in Beverly Flamingo room of Hilton (same as Day 1)**

8:30-10:30 am **LIFE Form review and discussion** *(all participants, at IAB discretion)*

10:30-10:45 am **Break**

10:45-11:30 **IAB Meeting** *(IAB members & NSF only)*

- Discussion of proposed projects
- Voting and discussion of results
- Formulation of funding recommendation to center leadership
- Finalize discussion of topics started at Day 1 formative IAB meeting

11:30-12:00 pm **IAB Report Out, Discussion** *(IAB, Center & Site Directors, & NSF)*

12:00 – 13:30 **WORKING LUNCH (box lunches)**

Action Items and Plans for Next Semi-annual Meeting *(IAB, Center & Site Directors, & NSF)*
Summary and Closing Remarks & Adjourn