

# iPerform Biannual Meeting 2018

UTA | UTD | I/UCRC



Current Sites



Planned Sites



Center for Assistive Technologies to Enhance Human Performance

University of Texas at Dallas  
Science Learning Center, Rm 1.102  
800 W Campbell Rd | Richardson, TX 75080  
Friday, May 4, 2018  
8:30 AM to 5:00 PM (CST)

8:30 am – 9:00 am	Participant Registration & Breakfast	11:40 am – 11:55 am	<b>Gautam Das and Jeess Augustine</b> , UTA Database Techniques for Network Traffic Analytics
9:00 am – 9:20 am	<b>Welcome Remarks</b> <b>Fillia Makedon</b> , Center & UTA Site Director and <b>Ovidiu Daescu</b> , UTD Site Director	11:55 am – 12:10 pm	<b>Eric Wong</b> , UTD Intelligent Software Analysis Systems
9:20 am – 9:40 am	Introduction of Participants	12:10 pm – 1:15 pm	<b>Lunch Break</b>
9:40 am – 10:20 am	Presentations by NSF I/UCRC Officers and Center Evaluator <b>Dr. Dmitri Perkins</b> , NSF I/UCRC Program Director <b>Dr. Dee Hoffman</b> , NSF I/UCRC Center External Evaluator	1:15 pm – 2:15 pm	<b>Industry-University Panel</b> “Secrets to Enhance Collaboration”
10:20 am – 10:40 am	<b>Coffee Break and Networking</b> <b>Reports on Ongoing Projects</b> 15 min talks	2:15 pm – 2:30 pm	<b>Coffee Break</b>
10:40 am – 10:55 am	<b>Shouyi Wang</b> , UTA Brain Activity Monitoring Systems and Applications	2:30 pm – 3:30 pm	<b>New Research Proposals and Poster Viewing</b>  <ul style="list-style-type: none"> <li>• APSEN: Pre Screening Tool for Sleep Apnea in a Home Environment</li> <li>• Nurse Burnout: A Wearable Solution</li> <li>• Optimal Electrode Placement for Noninvasive Brain Stimulation</li> <li>• Deep Learning for Health: A Common Framework</li> <li>• An Interactive Vocational Assessment Based on Attention and Visual Working Memory Using Humanoid Robot</li> <li>• More to be announced</li> </ul>
10:40 am – 11:10 am	<b>John Hansen</b> , UTD Acoustic Systems to Enhance Human Computer Interaction	3:30 pm – 4:00 pm	<b>Dr. Dee Hofmann</b> , LIFE FORMS
11:10 am – 11:25 am	<b>John Hansen</b> , UTD Automatic Human Communication Assessment: Under--Determined Systems	4:00 pm – 4:30 pm	<b>Summary and Closing Remarks; Adjourn</b>
11:25 am – 11:40 am	<b>Hong Jiang and Zhichao Yan</b> , UTA Highly Efficient Storage Systems		

## Industry Members

- Bosch
- AT&T
- National Institute of Standards and Technology (NIST)
- National Center for Scientific Research NCSR- Demokritos
- Dallas Veteran Affairs Research Corp. (VANTHCS)
- NetApp
- Speetra
- FoxConn

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iPerformSpring18