University of Maryland, Baltimore County (UMBC/MC2)
North Carolina State University (NCSU/STEED)
Rutgers University-Newark (I-DSLAn)
Tel Aviv University (TAU)
University of California, San Diego (UCSD/ACCCHI)
University of Utah (UU/USAI)

Nov 29 – Dec 1, 2017 - Hosted by UMBC
Industrial Advisory Board (IAB) Meeting

Agenda

November 29, 2017

Address: BWI Hilton, 1739 W Nursery Rd, Linthicum Heights, MD 21090

5:30 PM – 7:30 PM Reception for icebreaker meet and greet

November 30, 2017

Address: 1000 Hilltop Cir, Baltimore, MD 21250, UMBC Albin O. Kuhn Library 7th Floor

8:00 AM– 8:30 AM Registration and Breakfast

8:30 AM – 8:40 AM Welcoming Remarks

- Dr. Karl Steiner, Vice President of Research UMBC
- Dr. Keith Bowman, Dean of College of Engineering and Information Technology UMBC

8:40 AM– 8:50 AM CHMPR overview - Dir. Prof. Yelena Yesha

8:50 AM– 9:10 AM NSF Overview - Dr. Dmitri Perkins

9:10 AM– 9:20 AM - Dr. Rita Rodriguez

9:20 AM– 9:30 AM Gathering Industry Feedback - The LIFE Process: Dr. Craig Scott

9:30 AM–9:45 AM Break
UMBC - Plans/Outcomes and Proposed Projects:

1. Dr. Gangopadhyay: Genetics for Personalized Medicine
2. Dr. Ancha Baranova: Synthetic Biology Challenge
3. Dr. Haibin Zhang: The future of cloud storage
4. Dr. Sisi Duan: Permissioned blockchains for food safety
5. Kaushik Velusami: Sorting Adventure, Benchmarking on EMU-chick Processor in PIM
6. Deepanjan Bhattacharyya: Scalable binary image segmentation using quantum markov random field
7. Bharat Prakash: Real-time patient tracking and analytics
8. Smiriti Prathapan: Data Processing on Active Disks
10. Harsh Vashishtha: Machine learning to detect threat from TSA airport body scans
11. Dr. Karuna Joshi: Global Infectious Disease Surveillance (GIDS)

Rutgers University - Plans/outcomes

- Prof. Nabil Adam, Director CHMPR Rutgers University

NCSU - Plans/Outcomes and Proposed Projects:

- Prof. Rada Chirkova, Director CHMPR NCSU

12. Intelligent Augmentation
13. Visualizing wildfire narratives

LUNCH

TAU - Plans/Outcomes and Proposed Projects:

- Dr. Mira Marcus, Director CHMPR Tel Aviv University

Discussion of Industry (LIFE) Feedback, Dr. Scott

Industrial Panel

Break

IAB Chair Overview: Morgan Crafts, Northrop-Grumman

IAB Member Feedback

Completion of Required NSF IAB Surveys (for all PIs and IAB Reps)

Proposed collaborations and innovation in CHMPR: Prof. Halem

Break
5:00 PM– 6:00 PM    Dr. Hrabowski, President UMBC
  • Student Posters
6:00 PM– 8:30 PM    Dinner and Keynote Talk:
  • Dr. Philip Rous Provost UMBC, Introductory Remark By
  • Michael Seablom, NASA CTO: Science Mission Directorate

December 1, 2017

Address: Information and Technology Engineering Building Room 325 UMBC

8:00 AM– 9:30 AM    Executive Breakfast and opportunity
  • For members and prospective members to learn more about being a member of CHMPR, and to interact with current members
9:30 AM–10:30 AM    Closed Meeting (Board Members only)
10:30 AM–11:30 AM    Minutes from last meeting
  • Director’s Interim Report: Budget, Initiatives NSF Program Managers Response
11:30 AM–12:00 PM    Summary and Closing Remarks
  • Adjourn w/ Lunch Carry Box Out