

Friday's Fun!

Oral sessions begin at 8:00 am and at 11:00 am. We have two absolutely excellent keynote talks for you to choose from in the morning at 9:45 am.

Wendy Nilsen, from the NSF, will present: Creating a Smart and Connected Health System, emphasizing how federal agencies are working to create a collaborative and smart research ecosystem to promote health.

Lihong Wang from Washington University (St. Louis) will highlight his tremendous work in biomedical optics with his talk entitled: Redefining the Spatiotemporal Limits of Optical Imaging: Photoacoustic Tomography, Wavefront Engineering, and Compressed Ultrafast Photography

You again have three outstanding presentations to choose from in the afternoon (2:00 pm)

MacArthur Award winner **Danielle Bassett**, of the University of Pennsylvania will talk on Network Neuroscience addressing how we have advanced mathematical and computational models to accommodate the rapid growth in the amount and kinds of neural data.

Kenneth M. Ford, CEO of the Florida Institute for Human & Machine Cognition, presents On Computational Wings in which he draws analogies between the development of flight, which had to overcome early assumptions that wings should be flapped, to artificial intelligence, which has come a long way from trying to meet the Turing test.

Our symposium on Point-of-Care Technologies for precision medicine, organized by **Atam Dhawan** (New Jersey Institute of Technology), includes panelists **Tiffani Lash** (National Institute of Biomedical Imaging and Bioengineering), **Julian Goldman** (Partners HealthCare and Mass General Hospital), and **Nicolas Chbat**, Phillips Research. This topic represents an important new collaboration between EMBS and NIBIB, with conferences in Bangalore, Seattle, Bethesda and, in 2017, Cancun. **This symposium starts at 1:30pm.**

The day features 11 Minisymposia & Special Sessions, including the second of two Frontiers symposia discussing the future of biomedical engineering by EMBS Technical Committee Leaders (11:00 am).

The Women in Engineering Lunch is Friday (see our registration desk), along with the third student/young professional Lunch with Leaders (registration required).

Our *Ignite Sessions* begin immediately after the Afternoon Plenary Symposium. Come find out what your colleagues are doing during their presentations and extended poster session hours.

Friday evening is the beginning of the Personal Health Challenge @ EMBC 2016 <http://design.embs.org/>. The opening includes talks from **Steve Levine** (Director of the Living Heart Project, Dassault Systems and Simulia) and **Geraldine Hamilton** (CEO, Emulate, a human biology simulation company). The opening and plenary are at 4:30 pm and the reception and demo are at 6:30 in conjunction with the Young Professional Reception.

The Young Professional Reception (registration required) caps the day, starting at 7:00 pm.