NIST Workshop on Standards for Microfluidics (Draft Agenda - April 4, 2017)
Thursday June 1, 2017
Co-chairs:  Darwin R. Reyes, NIST; Henne van Heeren, enablingMNT

Morning Presentations
9:00 AM       Registration (Visitor’s badges will be given at the NIST front gate.)
9:45 AM       Welcome and Opening Remarks, Dr. James Olthoff, Director of the
               Physical Measurement Laboratory

10:00 AM      Henne van Heeren, enabling MNT, The Netherlands
               Overview of the IWA on Interoperability of microfluidic devices -
               Guidelines for pitch spacing dimensions and initial device classification.

Session 1: Combining Microfluidics and Electronics (Integration)

10:35 AM      Mark Tondra, Diagnostic Biosensors, USA
11:05 AM      Chengxun Liu, IMEC, Belgium
11:35 AM      Erik Beckert, Fraunhofer IOF, Germany

12:05 Noon – 1:15 PM Lunch

Afternoon Presentations
Session 2
Cell-based Assays/In vitro Diagnostics

1:15 PM       Keynote Presentation: Microfluidics and Regulations for In Vitro
               Diagnostics
               Food and Drug Administration (FDA) Speaker, USA (Awaiting final
               approval)
2:00 PM       Vivienne Williams, Cellix, Ireland
2:30 PM       Pending Speaker

3:00 - 3:30 PM  Break & Tentative Poster Session

Session 3: Flow Control and Verification Testing
3:30 PM       Hugh Fan, University of Florida, USA
4:00 PM       Alexios Tzannis, IMT, Switzerland
4:30 PM       James Booth, NIST, USA

From 5:30 PM   Dinner* at Dogfish Head Alehouse (An area in the restaurant has been
               reserved for the attendees of the conference from 5:30 PM)
               800 W Diamond Ave, Gaithersburg, MD 20878 (In front of NIST)
               *Attendees are responsible to pay for their own food and drinks
NIST Workshop on Standards for Microfluidics
Friday June 2, 2017

Morning Presentations
8:45 AM    Announcements

Session 4: Sensors, Testing and Interconnectors
9:00 AM    Hugo Bissig, METAS, Switzerland
9:30 AM    Anne Le-Nel, Fluigent, France
10:00 AM   Sammy Datwani, Labcyte, USA

10:30 - 11:00 AM   Break & Tentative Poster Session

Session 5: Modular Systems
11:00 AM   Po Ki Yuen, Corning, USA
11:30 AM   Nicolas Verplanck, CEA-LETI, France
12:00 PM   Wilfred Buesink, Micronit, The Netherlands

12:00 Noon – 1:15 PM Lunch

Afternoon Sessions
Panel Discussions
1:20 PM – 3:10 PM   Breakout Sessions

1. Integration of Microfluidics and Electronics
2. Flow control and Sensors
3. Interconnectors and Modular systems

3:10 PM – 3:30 PM   Break

3:30 PM – 4:00 PM   Breakout Sessions (Time to Summarize the Discussions)

1. Integration of Microfluidics and Electronics &
2. Flow control and Sensors
3. Interconnectors and Modular systems

4:00 PM – 4:30 PM   Closing Session – Next Steps
Session Chairs (10 minutes each)

4:30 PM   Adjourn ^

^There will be a tour to the NIST Nanofabrication Facility after the workshop, from 4:45 pm to 5:15 pm. For those interested, please contact Darwin Reyes via email at darwin.reyes@nist.gov