

FAME Center 5th Annual Review

Hotel & Conference: UCLA Luskin Conference Center, 425 Westwood Plaza

DAY ONE – Tuesday, February 14th, 2017 (Centennial Ballroom)

7:45 am	Breakfast & Registration
8:30 am	Opening Remarks & Welcome – Jayathi A. Murthy (Dean, UCLA School of Engineering)
8:35 am	Welcome from Gil Vandentop (STARnet Executive Director)
8:50 am	Welcome from Dan Radack (IDA on behalf of DARPA)
9:00 am	Overview by Jane Chang (FAME Director)
9:30 am	<u>“Overview of Multiferroics and Multifunctional Materials” – Charles Ahn (Yale)</u>
	<u>“Metal Insulator Transition Materials and Devices”– Susanne Stemmer (UCSB)</u>
	<u>“Switching Devices Based on MIT Materials”– David Lederman (UCSC)</u>
10:15 – 10:30 am	Morning Break
10:30 am	<u>“Overview of Spintronic Materials and Devices” - Ilya Krivorotov (UCI)</u>
	<u>“Applications of YIG/TmIG in FAME Device Prototypes” – Caroline Ross (MIT)</u>
	<u>“Spin Torque Oscillators: Materials, and Devices” - Ilya Krivorotov (UCI)</u>
11:15 am	Theme 1 & 2 Poster Pitches (20 minutes)
11:35 - 12:30 pm	SPONSORS ONLY: Theme 1 & 2 Poster Presentations – Researchers by their posters (Theme 1 & 2 PIs accessible for poster discussion, lunch available for others) LEGACY ROOM on 2 nd FLOOR
11:35 – 1:30 pm	LUNCH
1:30 pm	<u>“Overview of van der Waals Materials” - Philip Kim (Harvard)</u>
	<u>“Progress and Integration of Large-scale BN” - Jeanie Lau (OSU)</u>
	<u>“Extending the Life of Metal Interconnects” - HS Philip Wong (Stanford)</u>
2:15 pm	Wrap up & Questions
2:25 pm	Theme 3 & 4 Poster Pitches (20 minutes)
2:45 – 3:45 pm	SPONSORS ONLY: Themes 3 & 4 Poster Presentations – Researchers by their posters (Theme 3 & 4 PIs accessible for poster discussion) LEGACY ROOM on 2 nd FLOOR
3:45 – 4:45 pm	All Students & Sponsors ONLY Return to Ballroom for Sponsor Meet & Greet (PIs Dismissed)
4:45 – 6:30 pm	Evening Reception & Poster Viewing (Sponsors, PIs & Researchers) 2 ND FLOOR
6:30 pm	Dinner and Poster Prizes (Sponsors, PIs & Researchers) CENTENNIAL BALLROOM
8:00 pm	Adjourn



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DAY TWO – Wednesday, February 15th, 2017 (Centennial Ballroom)

8:00 am	Breakfast
8:30 am	<p><u>"Physics, Mechanisms & Device Prototype Overview" - Roger Lake (UCR)</u></p> <p><u>"Frontiers of Vertical van der Waals Devices" - Joerg Appenzeller (Purdue)</u></p> <p><u>"Topological Insulator and Antiferromagnet for Potential Room Temperature Applications" - Kang Wang (UCLA)</u></p>
9:20 – 9:40 am	Morning Break
9:40 am	<p>Joint ACCEL Centers: Materials Benchmarking Session</p> <p>Roger Lake (FAME)</p> <p>Alan Seabaugh (LEAST)</p> <p>Jianping Wang (C-SPIN)</p> <p>Phase III Implementation</p>
10:25 am	Closing remarks (Jane Chang)
10:30 – 11:30 am	<p>Poster Viewing– All Researchers by their Posters</p> <p>LEGACY ROOM – 2nd Floor</p>
11:30 pm - 1:00pm	<p>Lunch (Non-PI researchers may depart)</p> <p>CENTENNIAL BALLROOM</p>
1:00 – 2:30 pm	<p>FAME PIs – Breakout Sessions (based on materials metrics):</p> <p>Illumination Room – Theme III Breakout Session</p> <p>Enlightenment Room - Theme II Breakout Session</p> <p>Exploration Room – Theme I Breakout Session</p> <p>ALL BREAKOUT ROOMS ON 2ND FLOOR</p>
1:00 – 4:30 pm	<p>(Industry/Government) Caucus: Optimist Room</p> <p>(NO PIs allowed in this meeting)</p> <p>2ND FLOOR</p>