

FAME Center 4th Annual Review

Place: Hotel & Conference – LUXE Hotel Ballroom, 11461 Sunset Blvd., Los Angeles

DAY ONE – Tuesday, February 16th, 2016

7:45 am	Light 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)
8:45 am	Welcome from Dan Radack (DARPA)
9:10 am	Overview by Jane Chang (FAME Director)
9:40 am	<u>Theme 1 Overview – Charles Ahn (Theme Lead)</u>
	<u>Theme 1 Deep Dive Presentation: “First Principles Design and Prediction of Strain Induced MI Transitions in Correlated Oxides,”</u> Sohrab Ismail-Beigi (Yale)
10:15 – 10:40 am	Morning Break
10:40 am	<u>Theme 2 Overview – Ilya Krivorotov (Theme Lead)</u>
	<u>Theme 2 Deep Dive Presentation: “A 180 Degree Switching of Perpendicular Magnetic Anisotropy PMA Using Dynamic Voltage Strain,”</u> Greg Carman (UCLA)
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)
11:35 – 1:30 pm	LUNCH
1:30 pm	<u>Theme 3 Overview – Philip Kim (Theme Lead)</u>
	<u>Theme 3 Deep Dive Presentation: “Vertical and Lateral Heterogeneous Growth of vdW Material,”</u> Pulickel Ajayan (Rice)
2:05 pm	Wrap up & Questions
2:20 pm	<u>Theme 3 & 4 Poster Pitches (20 minutes)</u>
2:40 pm	Group Picture in the Ballroom
2:45 – 3:45 pm	<i>SPONSORS ONLY: Themes 3 & 4 Poster Presentations – Researchers by their posters (Theme 3 & 4 PIs accessible for poster discussion)</i>
3:45 – 4:45 pm	All Students & Sponsors ONLY Return to Ballroom for Sponsor Meet & Greet (PIs Dismissed)
4:45 – 6:00 pm	Evening Reception in Courtyard & Poster Viewing (Sponsors, PIs & Researchers)
6:00 pm	Dinner and Poster Prizes (Sponsors, PIs & Researchers)
7:00 pm	Adjourn



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DAY TWO – Wednesday, February 17th, 2016

8:00 am	Breakfast (Courtyard)
8:30 am	Theme 4 “Physics, Mechanisms and Devices” Theme Overview – Roger Lake (Theme Lead) Theme 4 <u>Deep Dive Presentation</u> : “Magnonic Holographic Memory for Information Storage and Data Processing,” Aleksandr Khitun (UCR)
9:05 – 9:20 am	Morning Break
9:20 am	FAME Center Demonstration (Aleksandr Khitun, UCR)
9:55 am	Closing remarks (Jane Chang)
10:00 - 11 am	Poster Viewing in Luxe Sunset III – All Researchers by their Posters
11:00 am - 12:00 pm	Materials Benchmarking Meeting (Jane Chang)
12:00 pm - 1:00pm	Lunch in Courtyard (Non-PI researchers may depart)
1:00 – 2:30 pm	FAME PIs – Breakout Sessions (based on materials metrics): Multiferroics Materials – Luxe Sunset Room I Spintronic Materials – Luxe Sunset Room II Van der Waals Materials – Luxe Sunset Room IV
1:00 – 4:30 pm	(Industry/Government) Caucus: Luxe Sunset Room III (NO PIs allowed in this meeting)