

Superconductivity Program Review 2014

Dr. Harold Weinstock | August 18, 2014 | Arlington, VA

One Liberty Center
875 North Randolph Street, 14th Floor | MIC Room
Arlington, VA 22203

Time	Topic	Speaker
0730-0800	Registration	
0800-0810	Introduction	Weinstock AFOSR
0810-0910	Summary of UMD, ISU, UCSD MURI	R. Greene et al. U. of Maryland
0910-0930	Search for New Oxide SCs in Cuprates, Ruthenates & Plumbates Using MBE & ARPES	Shen Cornell U.
0930-0950	Remarkable Electron Transport Properties Tuning in Layered Dichalcogenides	Morosan Rice U.
0950-1010	Quantum Preservation, Simulation & Transfer in Oxide Nanostructures	Levy U. of Pittsburgh
1010-1030	BREAK	
1030-1130	Summary of Stanford, Rutgers, Princeton, Rice MURI	Beasley et al. Stanford U.
1130-1210	Electronic Stability in Mn & Fe-Based Pnictide Compounds	Aronson Stony Brook U.
1210-1300	LUNCH	
1300-1400	Summary of UCSD, UCI & UW-Milwaukee MURI	Schuller et al. UCSD
1400-1440	Unusually High T _c Rare-Earth-Doped CaFe ₂ As ₂ & Ultrathin FeSe Films	Chu et al. U. of Houston
1500-1520	BREAK	
1520-1600	Electronically-Doped Ca 122 & Ca 112 Phases & Thin Film FeSeTe Phases	Zakhidov et al. U. Texas - Dallas
1600-1640	Electronic Matter in Unconventional SCs: A Key to Predictive Design?	L. Greene U. Illinois - UC
1640-1700	Superconductivity Research at AFRL: Search for New Materials	Haugan AFRL/RQ
1700-1720	Enhanced SCing Properties of FeSexTe(1-x) Thin Film near Antiferromagnetic Ordering	Wang (student) Texas A & M U.
1720-1740	Collective Modes in Iron Superconductors from the Local Moment Limit	Rodriguez Cal. State U., L.A.
1740-1800	DFT Study of Rocksalt Proxy Cu Monochalcogenide Structures - Relation to HTS	Grant/Hammond W2AZ/Stanford
	MEETING ADJOURNED	
1900-2030	Dinner at Tutto Bene	