

2024 MURI review: Hosting One-Dimensional Topological States with Dislocations

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February 27, 2024

Time	Topic	Speaker
0830-0900	Check in	
0900-0910	Introductions/Opening Remarks	J. LU & A. SAYIR, AFOSR
0910-0930	Overview	RICHEL GOLDMAN U. MICHIGAN
Dislocations in Strong Topological Insulators-Part I		
0930-1000	Exotic States at Dislocations in $\text{Bi}_{1-x}\text{Sb}_x$	CAGLIYAN KURDAK U. MICHIGAN
1000-1020	BREAK	
Dislocations in Strong Topological Insulators-Part II		
1020-1120	Exotic States at Dislocations in SmB_6	CAGLIYAN KURDAK U. MICHIGAN
	Realistic Theory for Dislocations in Strong TIs	KAI SUN U. MICHIGAN
1150-1250	LUNCH	
Thrust II: Dislocations in Weak Topological Insulators-Part I		
1250-1350	Exotic States at Dislocations in Bi_1Te_1 and Bi_1Se_1	RICHEL GOLDMAN U. MICHIGAN
	Exotic States at Dislocations in InAs/GaSb	M. I. LEE, UIUC
1350-1410	BREAK	
Thrust II: Dislocations in Weak Topological Insulators-Part II		
1410-1440	New Topological Theory for Superlattices	HARLEY JOHNSON, UIUC
1440-1500	Summary and Plans for Years 1-2	RICHEL GOLDMAN U. MICHIGAN
1500-1530	Government Closed Session	
1530-1600	Government Feedback/Discussion	