



June 29th 2020

UKRATOP Progress Reports

For online access through zoom, please contact ukratop@ifw-dresden.de

(DE)	IFW on site venue: D2E.31	(UA)
08:30	Welcoming remarks	09:30
08:35	<i>Topological aspects of electronic structure of BiTeI</i> Andrii Kuibarov	09:35
09:00	<i>Transport in TaRhTe4</i> Kyrylo Ochkan	10:00
09:25	<i>ARPES study of topological iron-based superconductors</i> Volodymyr Bezghuba	10:25
09:50	<i>Synthesis and electric structure of ultra thin FeSe films</i> Oleksander Suvorov	10:50
10:15	Coffee Break	11:15
10:45	<i>Synthesis and characterization of MPS3 materials</i> Tamara Holub	11:45
11:10	<i>Synthesis of magnetically frustrated oxides with double perovskite structure</i> Anastasia Smerechuk	12:10
11:35	<i>Report on activity in IFW Dresden in the frame of UKRATOP project</i> Olesia Voloshyna	12:35
12:00	Lunch Break	13:00
13:00	<i>Duality and quantum phase transitions in topological field theories</i> Vira Syhta	14:00
13:25	<i>Curvilinear one-dimensional antiferromagnets</i> Denis Kononenko	14:25
13:50	<i>Prediction of transition metal dichalcogenides using evolutionary algorithms</i> Oleg Feia	14:50
14:15	Award of student certificates and concluding remarks	15:15

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