

INTERNATIONAL DAYS OF MATERIALS SCIENCE 2013 - ReAdMat Winter seminar

dne 13. 2. 2013 zasedací místnost FEI, nám. Čs. Legií 565, Pardubice

SEMINAR PROGRAM

8.00 - 8.30	Prof. J. L. Adam	<i>Chalcogenide glass optical fibers for mid-infrared photonics</i>
8.30 - 9.10	Prof. K. Shimakawa	<i>Non-resonant bonding in crystalline phase-change materials</i>
9.10 - 9.50	Prof. M. Frumar	<i>Narrow gap semiconducting chalcogenides-materials for electronics, optoelectronics, optics</i>
9.50 - 10.30	Prof. J. Málek	<i>Kinetic analysis of complex crystallization processes studied by DSC</i>
10.30 - 10.45	Coffee break	
10.45 - 11.05	R. Svoboda	<i>Current evaluation methodologies for structural relaxation measurements</i>
11.05 - 11.25	P. Košťál	<i>Heat capacity of chalcogenides</i>
11.25 - 11.45	J. Barták	<i>Crystal growth in chalcogenide amorphous materials</i>
11.45 - 12.05	V. Podzemná	<i>Comparison of GeS₂ crystal growth kinetics in (GeS₂)_x(Sb₂S₃)_{1-x} (x=1;0,9;0,8) thin film glasses</i>
12.05 - 12.25	I. Voleská	<i>The Chalcogenide Glasses and Calculations of Properties</i>
12.30 - 13.30	Lunch	
13.30 - 13.50	D. Patil	<i>Effect of thickness and temp. dependent on impedance of ionic materials</i>
13.50 - 14.10	D. Patak	<i>Chalcopyrite Solar Cells</i>
14.10 - 14.30	J. Kolář	<i>Down-scaling switching experiments to nanosize: Porous alumina - natural and powerfull tool</i>
14.30 - 14.50	L. Střížik	<i>Amorphous chalcogenides doped with rare-earth ions: Photoluminescence and Photon up-conversion</i>
14.50 - 15.10	S. Válková	<i>Optically induced doping of Ag into thin films of Ge_{28-x}Ga_xS₇₂</i>
15.10 - 15.25	Coffee break	
15.25 - 15.45	L. Hromádko	<i>Effect on properties of indium doped Sb₇₀Te₃₀ thin film</i>
15.45 - 16.05	J. Příkryl	<i>Non-stoichiometry in phase change memory materials of Ge₂(Sb_{2.3-x}In_x)Te₅ system</i>
16.05 - 16.25	V. Parchanski	<i>Ge-Sb-S-PbI₂ chalcocalide thin films doped by Er³⁺ ions</i>
16:30	End of the seminar	

