

Programme

12th February, 2014

8:30 – 9:10	<u>K. Shimakawa</u> <i>Origin of the stretched exponential dynamic function in electronic and chemical reactions in condensed matters</i>
9:10 – 9:50	<u>T. Wágner</u> <i>Application of doping to control electrical properties of amorphous chalcogenides</i>
9:50 – 10:10	Coffee break
10:10 – 11:45	<u>B. Le Garrec</u> <i>Lessons learnt about project management while building Laser Megajoule (LMJ)</i>
11:45 – 12:00	<u>J.M. Macák</u> <i>Opportunities for chalcogenide analysis and other samples using scanning electron microscopy</i>
12:00 – 12:15	<u>B. Zhang</u> , J. Kolář, Jan M. Macák, T. Wágner <i>Stages in resistive switching of memory cells based on chalcogenides and nanoporous AAO</i>
12:15 – 12:30	<u>T. Kohoutek</u> <i>Solution processing of As-S chalcogenide glasses</i>
12:30 – 13:30	Lunch
13:30 – 13:45	<u>L. Hromádko</u> , J. Přikryl, J. Orava, P. Košťál, M. Frumar <i>Physico-chemical properties of Sb-rich Sb-Se system thin films for phase change memories</i>
13:45 – 14:00	J. Akola, P. Jovari, I. Kaban, <u>I. Voleská</u> , J. Kolář, T. Wágner, R.O. Jones <i>Density functional study of amorphous AsS₂ and AgAsS₂</i>
14:00 – 14:15	<u>J. Přikryl</u> , M. Hrdlička, M. Pavlišta, V. Valeš, V. Holý, T. Wágner, M. Frumar <i>Study of crystallization in amorphous thin films of composition Ge₄Sb₄Te_X (X=8, 9, 10, 10.67, 11, 12 and 14)</i>
14:15 – 14:30	<u>D.S. Patil</u> , M.S. Konale, J. Ren, Q. Yan, V. Zima, K. Shimakawa, T. Wágner <i>Ionic conductivity study of GeS₂-Ga₂S₃-AgI-Ag chalcogenide system by random-walk approach</i>
14:30 – 14:45	<u>M.S. Konale</u> , C.-H. Lin, D.S. Patil, V. Zima, T. Wágner <i>Proton conductivity behavior of Al(OH)(bpdC) (DUT-5) by impedance spectroscopy</i>
14:45 – 15:00	<u>S. Valkova</u> , T. Wágner, L. Stržížik, M. Vlček, L. Beneš, M. Bartoš <i>Ag doping of thin films of Ge_{28-x}Ga_xS₇₂: What we know about it</i>
15:00 – 15:20	Coffee break
15:20 – 15:35	<u>M. Fraenkl</u> , K. Shimakawa, J.M. Macák, T. Wágner <i>Electrochemical impedance spectroscopy for analysis of ionic conductors</i>
15:35 – 15:50	<u>J. Barták</u> , J. Málek, H. Segawa, Y. Y.-Mitarai <i>Crystal growth in Se-Te thin films</i>
15:50 – 16:05	<u>V. Podzemná</u> , J. Málek <i>Crystallization behavior of Ge_xS_{1-x} glasses</i>
16:05 – 16:30	Informal discussion
16:30	End of the seminar

