



International Workshop on GeSn photonics

Organized by the project

Nano-Structured GeSn Coatings for Photonics - GESNAPHOTO

October 11, 2018; Hotel Sinaia, Room ARA, Sinaia, Romania

PROGRAM	
9:30	<i>“Welcome and a brief introduction to GeSn GESNAPHOTO project topic”</i> , T. Stoica ¹
9:45	<i>“GeSn lasers”</i> , D. Stange ² , N. von den Driesch ² , T. Zabel ⁶ , F. Armand-Pilon ⁶ , D. Rainko ² , A. Tiedemann ² , J. M. Hartmann ⁷ , G. Capellini ⁸ , Z. Ikonic ⁹ , H. Sigg ⁶ , D. Grützmacher ² , D. Buca ²
10:20	<i>“Optimization of (Si)Ge(Sn) hetero structures”</i> , D. Rainko ² , N. von den Driesch ² , D. Stange ² , Z. Ikonic ⁹ , N. Vukmirovic ¹⁰ , J.M. Hartmann ⁷ , F. Bärwolf ⁸ , G. Capellini ⁸ , L. Kibkalo ¹¹ , M. Luysberg ¹¹ , I. Povstugar ¹² , A. Elbaz ¹³ , E. Herth ¹³ , P. Boucaud ¹³ , M. El Kurdi ¹³ , D. Buca ² , D. Grützmacher ²
10:40	<i>“Process development and electro-optical characterization of GeSn”</i> , N. Schäfer ⁴ , F. Rothmayr ⁴ , N. von den Driesch ² , D. Rainko ² , C. Kistner ⁴ , J. Koeth ⁴ , S.Höfling ¹⁴
11:00	Coffee break
11:30	<i>“Ge-Sn-SiO₂ films deposited by magnetron sputtering for GeSn nanocomposite synthesis”</i> , N.C. Zoita ³ , A. E. Kiss ³ , I. Pana ³ , M. Braic ³
11:50	<i>“GeSn nanocrystals in GeSn-SiO₂ films for infrared detection”</i> , T. Stoica ¹ , M. Braic ³ , V.S. Teodorescu ¹ , A. Slav ¹ , C. Palade ¹ , I. Dascalescu ¹ , C. Logofatu ¹ , S. Iftimie ¹⁵ , I. Stavarache ¹ , A. Lepadatu ¹ , S. Lazanu ¹ , S. Antohe ¹⁵ , M.L. Ciurea ¹ , D. Grützmacher ² , D. Buca ²
12:20	<i>“Testing of the IR detection using GeSn-SiO₂ nanocomposite”</i> , G. Stan ⁵ , M. Lazar ⁵ , S. Caramizoiu ⁵ , A. Enuica ⁵

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