



COST Action IC1208

Integrating devices and materials: A challenge for new instrumentation in ICT

IC1208 Joint 8th Management Committee Meeting (MCM8)
Meetings of Working Groups WG1–WG4
8th-9th September 2016

Klub WAT
Kaliskiego 25A st.
01-476 Warsaw, Poland

PROGRAMME — Thursday 8 September

WG1-WG4 meetings (I)

1. Lavinia-Petronela Curecheriu, Maria Teresa Buscaglia, Leontin Padurariu, Mihai Asandulesa, Vincenzo Buscaglia, Liliana Mitoseriu "Preparation of (Ba,Ca)(Zr,Ti)O₃- based composite ceramics with different grain size"
2. L. Padurariu, L. Curecheriu, R. Stanculescu, C. Ciomaga, C. Padurariu, C. Galassi and L. Mitoseriu "Modeling of the dielectric properties of porous ferroelectric structures"
3. M. Tomczyk, I. Bretos, R. Jiménez, M.L. Calzada, P. M.Vilarinho "Strategies for the low temperature preparation of lead free BiFeO₃ ferroic thin films"
4. Ji Hyun Park, Kyung Ho Kim, Yung Woo Park, Jan P. F. Lagerwall, Giusy Scalia "Nanostructured films of oriented molecular nanowires from discotic liquid crystals"
5. Jakub Herman and Przemysław Kula "How to design a super-high birefringence LC material?"
6. Anna Drzewicz, Marzena Tykarska " DSC, IR spectrophotometry and helical pitch measurements of bicomponent mixtures composed of three ring antiferroelectric liquid crystals"



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WG1-WG4 meetings (II)

7. Paweł Perkowski "Parasitic effects in cell with transparent electrodes and its influence on electro-optics of Dual-Frequency Nematics"
8. Mateusz Mrukiewicz "Abnormal increase of electric permittivity at the isotropic-nematic phase transition"
9. J. K. Vij, V. Swaminathan, V. P. Panov, S. Sreenilayam, Yu. P. Panarin, A. Kocot, K. Merkel, and P. Stevenson „De Vries Calamatic Liquid Crystals in Smectic Phases: layer contraction and the compensation model; switching of chiral domains of opposite handedness in achiral smectics of calamatics “
10. Vitaly P. Panov, Vigneshwaran Swaminathan, Sithara P. Sreenilayam, Yuri P. Panarin, Jagdish K. Vij, Alexander Panov, Diego Rodriguez, Paul J. Stevenson "Properties of novel Organosiloxane-based deVries Smectic materials"
11. M. Schneider, T. Frischmuth, L. Stöber, F. Patocka, U. Schmid „Tailoring the Properties of Silicon Carbide and Metallization Thin Films for Enhanced Device Performance"
12. D. Alj, C. Honorato-Rios, R. Caputo, C. Umeton, J.P.F. Lagerwall "Polycrystalline template alignment substrate for cnc" Short Term Scientific Mission at University of Luxembourg (July 2016)
13. Mario DeMiguel-Ramos, Marta Clement, Girish Rughoobur, Jimena Olivares, Enrique Iborra and Andrew Flewitt "Transparent piezoelectric bulk acoustic wave resonators and biosensors"



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WG1-WG4 meetings (III)

14. Maria Potes Barbas, “Dissemination_IC1208”
15. Janis Spigulis, Latvia “University of Latvia: Institute of Atomic Physics and Spectroscopy, and its Biophotonics Laboratory”
16. D. C. Zografopoulos, B. Vasić, G. Isić, R. Gajić, and R. Beccherelli „Design of liquid-crystal tunable metamaterial polarization rotators for terahertz applications”
17. Kamil Orzechowski, Marek Sierakowski, Marzena Tefelska, Pankaj Joshi, Herbert De Smet, Tomasz Woliński „Polarization properties of blue phase liquid crystal”



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WG1-WG4 meetings (IV)

18. J. Marae-Djouda, R. Caputo, G. Lévêque, Stephan P. Stagon, P.-M. Adam and T. Maurer "Design of strain sensors based on the plasmonic coupling of vertical nanorods grown on PDMS substrate"
19. Manuel Gil-Valverde, Manuel Caño-García, Eva Otón, Morten A. Geday, Xabier Quintana, José M. Otón "Modifying light propagation in planar waveguides with cladding liquid crystals"
20. Daniel Budaszewski, Abhishek K. Srivastava, Vladimir G. Chigrinov, Tomasz R. Woliński "Photonic Ferroelectric Liquid Crystal Fibers"
21. M. S. Chychłowski, T. R. Woliński "Photonic crystal fibers filled with ferromagnetic fluids"
22. Sławomir Ertman, Chiara Dorociuk, Karolina Bednarska, Adam Paździor, Roman Dąbrowki and Tomasz Woliński "Microstructured optical fibers with thin layer of liquid crystal on the surface of microholes"
23. A. Siarkowska, M. Chychłowski, D. Budaszewski, B. Jankiewicz, B. Bartosewicz, T.R.Woliński "Tunable optical fiber structures based on doped liquid crystal and polymer materials"