

Jornadas do Centro de Física 2011 “Graphene and other bi-dimensional materials”

Poster session

- P1 H. Gonçalves, L. Alves, M. Belsley, C. Moura, T. Stauber, and P. Schellenberg [New techniques to improve the visibility of Graphene](#)
- P2 Yu.V. Bludov, M.I. Vasilevskiy, and N.M.R. Peres [Excitation of p- and s-polarised surface plasmon-polaritons in single graphene layer by attenuated total internal reflection method](#)
- P3 N.F.G. Rodrigues, M. Fátima Cerqueira, A.P. Samantilleke, and M.I. Vasilevskiy [Solar cells: surface plasmon resonance effect](#)
- P4 C. Batista, J.O. Carneiro, R.M. Ribeiro, and V. Teixeira [Multilayered VO₂-based thermochromic coatings with enhanced luminous transmittance](#)
- P5 Tran Thi Thu Thuy, A.P. Samantilleke, J.O. Carneiro, P. Alpuim, and V. Teixeira [Electrochemical self-assembly of Nanoporous Alumina Templates](#)
- P6 A.C. Lopes, J.C. Dias, S.A.C. Carabineiro, M.F.R. Pereira, G. Botelho and S. Lanceros-Mendez [Nanoparticle size and content effects in the optical and dielectric properties of poly\(vinylidene fluoride / silver and gold nanocomposites](#)
- P7 P. Martins, C.M. Costa, M. Benelmekki, and S. Lanceros-Mendez [Investigations on piezoelectric-magnetostrictive nanocomposites of pvdf/ni-zn ferrite for magnetoelectric applications](#)
- P8 C.M. Costa, L.C. Rodrigues, V. Sencadas, M.M. Silva, G. Rocha, and S. Lanceros-Méndez [Development of poly\(vinylidene fluoride – trifluoroethylene\) microporous membranes for lithium-ion battery applications](#)
- P9 J. Nunes-Pereira, Weihua-Han, V. Cardoso, V. Sencadas, and S. Lanceros-Méndez [Energy harvesting efficiency of P\(VDF-TrFE\)/BaTiO₃ low dimensional nanocomposites](#)

- P10 C. Ribeiro, J.A. Panadero, V. Sencadas, S. Lanceros-Méndez, M.N. Tamaño Machiavello, D. Moratal, M. Salmerón-Sánchez, and J.L. Gómez-Ribelles [Osteoblast cell response “in Vitro” on electroactive PVDF films](#)
- P11 A.C.N. Oliveira, J.P. Neves Silva, P.J.G. Coutinho, A.A. Gomes, O.P. Coutinho, and M.E.C.D. Real Oliveira [pDNA/DODAB/Monoolein nanocarriers as non-viral vectors for transfection in mammals](#)
- P12 J.P. Neves Silva, A.C.N. Oliveira, I.M.S.C. Oliveira, A.C. Gomes, P.J.G. Coutinho, O.P. Coutinho, and M.E.C.D. Real Oliveira [pDNA/DODAB:MO lipoplexes: the effect of preparation method on the physicochemical properties and transfection efficiency](#)
- P13 A.R.O. Rodrigues, E.M.S. Castanheira, C.N.C. Costa, D. Peixoto, and M.J.R.P. Queiroz [Fluorescence studies of new potential antitumoral thieno\[3,2-*b*\]pyridine derivatives in solution and in nanoliposomes](#)
- P14 V.F. Cardoso, C. Ribeiro, and S. Lanceros-Méndez [Electroactive polymers for biomedical applications](#)
- P15 P. Costa, J.C. Viana, and S. Lanceros Mendéz [Dielectric and electro-mechanical properties of thermoplastic elastomer composites SBS/CNT](#)
- P16 A. Ferreira, P. Cardoso, A.J. Paleo, D. Klosterman, J.A. Covas, F.W.J. van Hattum, and S. Lanceros-Mendez [Electromechanical performance of epoxy/vapour grown carbon nanofiber composites for pressure sensor applications](#)
- P17 P. Cardoso, J. Silva, D. Klosterman, F.W.J. van Hattum, R. Simoes, and S. Lanceros-Mendez [AC and DC conductivity and dielectric response dependence on the preparation conditions of CNF/epoxy nanocomposites](#)
- P18 J. Silva, R. Simões, and S. Lanceros-Mendez [A network approach for the determination of the critical exponents for high aspect ratio composites](#)
- P19 D. Isakov, A. Bystrova, E. de Matos Gomes, and M. Belsley [Enhancement of the second harmonic generation efficiency of organic nanofibers](#)

- P20 P. Sá, D. Isakov, I. Bdikin, B. Almeida, and E. de Matos Gomes [Nanofibers of dabco:pra and barium titanate produced by electrospinning](#)
- P21 C.B. Garcia, and C.J. Tavares [Influence of Deposition Parameters on the Microstructure and Electric Properties of ZnO:Al Thin Films Deposited by Sputtering](#)
- P22 E.M.F. Vieira, J. Martín-Sánchez, S. Levichev, A. Parisini, M. Buljan, I. Capan, E. Alves, N.P. Barradas, O. Conde, S. Bernstorff, A.G. Rolo, A. Chahboun, and M.J.M. Gomes [Structural and electrical characterization of SiGe nanocrystals embedded in alumina and silica matrices](#)
- P23 I.T. Gomes, B.G. Almeida, A.M. Pereira, J. Ventura, and J.P. Araújo [Lanthanum manganite films on z-cut LiNbO₃ substrates](#)
- P24 C.M. Oliveira, and S. Franco [Corneal aberrations after cataract surgery with a slit-scanning tomographer](#)
- P25 C.M. Oliveira, and S. Franco [Crystalline lens imaging with a slit-scanning system](#)
- P26 C.M. Oliveira, and S. Franco [Imaging of aphakic intraocular lens with a slit-scanning tomography system](#)
- P27 A. Puinhas, E.M.S. Castanheira, M.E.C.D. Real Oliveira, and M. Lira [Relationship between the stability and surface tension of the tear film](#)
- P28 A. Puinhas, M. Lira, S. Franco, and P. Sampaio [Tear film stability and immunoglobulin A variation during the day](#)
- P29 A. Onofre [Study of the Top Quark Properties at the LHC](#)