

**E.N.E.A.**

**Ref Person: Maria Luisa Grilli**

Poster presented at International Conferences

- 1) Ultrathin Ni films as transparent conductive electrodes, M. L. Grilli, I. Di Sarcina, S. Bossi, A. Rinaldi, L. Pilloni, A. Piegari, presented as a poster at the 5<sup>th</sup> International Symposium on Transparent Conductive Materials, 12 - 17 October, 2014 Platania - Chania, Crete, Greece. Submitted to Thin Solid Films, November 2014.
- 2) Nb-doped TiO<sub>2</sub> transparent conducting films prepared by r.f. sputtering and e-beam evaporation, M.L. Grilli, M. R. Mancini, A. Sytchkova, D. Zola, A. Piegari, presented as a poster at the 5<sup>th</sup> International Symposium on Transparent Conductive Materials, 12-17 October, 2014 Platania-Chania, Crete, Greece.
- 3) NiO p-type transparent conductive oxides deposited by radio frequency sputtering at room temperature, M.L. Grilli, F. Menchini, T. M. Dikonimos, A. Mittiga, P. Nunziante, A. Piegari, presented as a poster at the 5<sup>th</sup> International Symposium on Transparent Conductive Materials, 12 - 17 October, 2014 Platania - Chania, Crete, Greece. Manuscript to be submitted to International Journal.
- 4) G. Cesarini, R. Li Voti, G. Leahu, C. Sibilina, M.L. Grilli, A. Sytchkova, Optical and Photoacoustic Investigation of AZO/Ag/AZO Transparent Conductive Coating for solar cells, presented as a poster at the INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS, Third Mediterranean International Workshop on Photoacoustic & Photothermal Phenomena: Focus on BIOMEDICAL and NANOSCALE IMAGING and NDE, ERICE - SICILY: OCTOBER 5-12 2014.
- 5) Anna Sytchkova, Guohang Hu, Maria Luisa Grilli, Hongbo He, Kui Yi, Jianda Shao, Angela Piegari, "Fishnet metamaterials for optical coatings", oral presentation at Frontiers of Optical Coatings (FOC) 20-24 October 2014, Sino-French Center, Tongji University, Shanghai, China.
- 6) L. Giorgi, E. Salernitano, Th. Dikonimos Makris, S. Gagliardi, R. Giorgi, M. Falconieri, E. Leoni, M.L. Grilli, N. Lisi, "Semiconducting properties of titania nanotubes film grown by electrochemical anodization" oral presentation at 11th SYMPOSIUM OF EUROPEAN VACUUM COATERS, Anzio 2014, Rome, Sep. 29<sup>th</sup> - Oct. 1<sup>st</sup> 2014.
- 7) Francesco Di Giacomo, Andrea Capasso, Valerio Zardetto, Alessandra D'Epifanio, Maria Luisa Grilli, Fabio Matteocci, Stefano Razza, Nicola Lisi, Aldo Di Carlo, Wilhelms M.M. Kessels, Mariadriana Creatore, Silvia Licoccia, Thomas M. Brown:

Low-temperature deposition of TiO<sub>2</sub> compact layers for metal-organic perovskite solar cells on plastic, presented as a poster at nanoGe, Solution Processed Semiconductor Solar Cells, Oxford 10-12 September, 2014.

Project submitted

- 1) High-efficient organic cells by innovative thin film metal-dielectric conductors, bilateral project Italy-Mexico (ENEA- Centro de Investigaciones en Optica, León, México), submitted at June 2014 and waiting for response.