

PLENARY SPEAKER of the

7th INTERNATIONAL SYMPOSIUM ON ENERGY



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(Advanced Materials, Nanotechnology, Biotechnology and Manufacturing); Chair of The European Committee Affairs of European Materials Research Society; Chair of The Global Leadership and Service Award Committee of the International Union of Materials Research Societies, IUMRS; Vice-Chair of Energy, Materials Industry Research Initiative; Member of the International Advisory board of Strategic Initiative Materials, a Flanders industry initiative; Member of the External International Board of the PhD Program in Materials in UDJG University (University of Galati), Romania; **Member of the Administration board of the Nature group**, Journal npg 2D Materials and Applications; Member of the International Advisory Board of the Journal Advanced Electronic Materials, from Wiley.; Member of the Editorial Board of the Journal Progress in Natural Science: Materials International (Elsevier Journal); Member of the editorial board of Heliyon - Elsevier's new open access journal; Member of the International Advisory group of the Journal of Physics D: Applied Physics.

He got the following awards and honors: **2017**: Member of the presidium and Vice president of the European Academy of Sciences; **2016**: Innovation INCM (Imprensa Nacional-Casa da Moeda) award by the work Secret paper – an innovative, low-cost approach; Awarded with the Gold Medal of merit and distinction by the Almada Municipality; Named as one of 3 finalist of the European patent Office Research Award 2016 with the work on paper transistor; Elected member of the European Academy of Science; Tetra Solar, Innovation prize given by Exame Informatica. **2015**: Demonstrator award given by OE-A (Organic and Printed Electronics – Association) during the LOPEC - Large-area, Organic & Printed Electronics Convention 2015, held in Munich, February 2015 to the EC project Autonomous Printed Paper Products for Labels & Electronics, A3Ple project. **2014**: The Best Research award given by Faculty of Science and Technology of New University of Lisbon to 3 top researchers of all Faculty for the period between 2010 to 2012; The Best Leadership and Service award given by Faculty of Science and Technology of New University of Lisbon to 3 top researchers of all Faculty for the period between 2010 to 2012. **2012**: Scientific Prize of Cidade de Almada, 1st edition with work Nanotechnologies and Nanomaterials @FCT-UNL, a window of opportunities opened to the world; Prize Innovation with the work solar tiles, Energy Live Expo, Lisbon, March



2012; Doctor Honoris Causa by University of Galati, Romania (1 April 2012); Green awards, 2012. **2011**: Best of PSS 2011, top 12 by Wiley with the paper: Where science fiction meets reality? With oxide semiconductors; Green awards, honour Research and Innovation award with the work on paper battery. **2010**: Portuguese Science and Technology award 2010/2011, district 1960 of the International Rotary Foundation. The best scientific work given by Korean Industry of Display Society (KIDS), Sept. 2010: work “Paper Memory TFT”, published in Journal of Information Display, 10 (4), 80-89 (2009). **2009**: Printed Electronics USA 2009 Academic R&D award, Dec 1-4 2009, S. Jose, California (IdTechEx): paper TFT; Green awards, 1st prize Research and Innovation award with the work on the paper transistor; Honours member of the Rotary Club of Almada. **2008**: Scientific Professional of the Year 2008, Rotary Club of Almada, Portugal; Paul Harris gold medal, for scientific outstanding, International Rotary Foundation. **2004**: Prize for Scientific Excellence given by the Portuguese Science Foundation.

Rodrigo Martins has been involved in pioneer European research on amorphous silicon semiconductors and pioneer with his group worldwide activity related to passive and active oxides, the so called transparent electronics and it is one of the inventors of the so-called paper electronics, where paper is exploited not only as a substrate but also as a functional component in active devices. He published more than 720 scientific papers; two books and a set of 22 book chapters ([Researcher ID](#); [ORCID](#); [SCOPUS](#); [Google Scholar](#); (h-index = 58, fromGS); holds 42 patents granted in the fields of transparent electronics; paper electronics; electrochromic devices; bio-detection transducer platforms; solar cells; memories and got 17 pending patents in the areas of detection and sensing oxide and paper applications.

