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Actual professional situation: Professor at the University of Santiago de Compostela (Spain), Chairman of the CLRLA-Unesco for Sustainable Communities development. Member of the International Panel for Climate Changes, Coordinator of the Sustainable Energy Application Group (SEAG) at the Santiago de Compostela University (Spain).

Previous Experience: Doctor in Physics 1986 for Cantabria and Padova Universities, Dean of the Physics Faculty at USC, Associated Research at CERN (European Centre for Nuclear Research, Geneva), Coordinator of Master on Renewable Energies and Sustainability USC, Associated Professor at the Padova University (Italy).

Research main results: More than 300 international publications, 15 Doctoral Thesis, 45 graduated-thesis.

Actually, is leading the Sustainable Energy Application Group (SEAG) at USC a multidisciplinary team formed now by 12 members coming from 7 different nationalities. It is developing work on 3 research lines:

•**Photovoltaic Solar Energy**, in particular in the field of characterization of both solar panels and batteries. The main activity is centred on the development of algorithms focused on the control of ageing effects. The SEAG, in the figure of the IP is responsible for the monitoring and Control of the Photovoltaic Power System of the Pierre Auger Observatory, an International Collaboration dedicated to basic research in the field of Astroparticle Physics. As result, during the last 5 years, 2 doctoral thesis, 4 projects and contract with photovoltaic enterprises (INTERCONNECTA and contract) as well as 7 international publications, during the last 5 years. Moreover, from 2012, the SEAG has a Characterization Laboratory (LACEM) which offer service to the University and the Industry.

•**Development of Adequate Technologies in the field of solar energy.** In particular, solar dryer, thermal solar panels, water disinfection systems and other. The main results, during the last 5 years has been, several publication (4), 2 patents and 2 doctoral theses defended during 2015.

•**Design and implementation of Sustainable Community Project (SCP).** This lines is being developed in the framework of a Mundial UNESCO initiative. The IP of the SEAG group, take the responsibility of the SCP as Chairman on 2015. At this moment, the SEAG leads 43 SCP in Latin America, financed by UNESCO. In the same frame, the group has participated in a European Project financed by the European Social Fund (Symbios Project). As results, 20 financed projects, 1 doctoral publication, and 3 international publications.

Additional Information:

- Member of the ICREPQ Steering Committee
- REE&PQJ-Editorial Board Member