

JUAN MANUEL ROJO

Born in Sevilla in 1843. Elected to the Academy in February 2011. Received at the Academy on 30th January 2013. Title of his presentation “The frontiers of matter, the discreet charm of surfaces”, medal nr 22.

Resumé CV

He studied at the Universities of Madrid and Cambridge (UK) obtaining a PhD in Physics in 1969. In the period 1971-1981 he was Associate Professor at the Universidad Autonoma de Madrid where he founded the Laboratory of Surface Physics of which he was its first director. From 1982 to his retirement in 2013 he was Professor of Physics at the Universidad Complutense of Madrid where he set up and directed a Surface Science Laboratory. From 2013 to present, he is an invited researcher at the Research Institute of IMDEA-Nanociencias.

His research interests were centered in Condensed Matter Physics, The Physics of Materials and Surface Physics. In these fields, he has authored two books and numerous publications. He has also supervised 9 PhD thesis. Besides his doctoral stage in Cambridge, he has been visiting researcher at the University of Berkeley (US) and the Centre d’Etudes Atomiques of Saclay (France).

In the period 1985-1992, he served as Secretary of State of Universities and Research of the Spanish Government and acted as President of the Spanish Delegation at the Council of Ministers of the EU. During his term, the first Spanish Research Programme of R&D was approved and the programme of evaluation of the Spanish Researchers (at the Universities and at the CSIC) was set up.

He has chaired a number of international evaluation panels, among them the Joint Research Centre, the COST scientific programme and the Nuclear Fusion by Inertial Confinement Panel, all of the European Commission. He has also chaired during four years the Physical and Engineering Science Committee of the European Science Foundation (ESF)

He has been awarded honors from Spain (Gran Cruz de Alfonso el Sabio), France (Palme Académiques) and Italy (Grande Ufficiale de l’Ordine del Merito), as well as the Medal of the Royal Spanish Physical Society.