

## Curriculum Vitae

### Dr. Beatriz Roldán Cuenya

#### Education

M.S. June 1998	University of Oviedo, Spain, Physics-Material Sciences.
Ph.D (summa cum laude) September 2001 Advisor: Prof. Werner Keune	University of Duisburg-Essen, Germany, Solid State Physics.
Post-Doctoral Fellow (2001-2003) Advisor: Prof. Eric McFarland	University of California Santa Barbara, USA, Chemical Engineering.

#### Major Positions

2017-present	Director of the Interface Science Department at the Fritz Haber Institute of the Max Planck Society, Berlin, Germany. Honorary Professor at the Technische Universität Berlin, Freie Universität Berlin, and Ruhr-University Bochum (Germany). Distinguished Research Professor at the University of Central Florida (USA).
2013-2017	Professor (W3), Chair of the Solid State Physics/Surface Physics group at the Institute of Experimental Physics IV, Department of Physics, Ruhr University Bochum (RUB), Bochum (Germany). Joint appointment with the Department of Chemistry at RUB, Bochum (Germany). Distinguished Research Professor in the Physics Department at the University of Central Florida (Orlando, USA).
2012-2013	Professor, University of Central Florida (UCF), Physics Department, Orlando, Florida.
2010-2011:	Sabbatical leave (9 months) at the Fritz Haber Institute of the Max Planck Society, Chemical Physics Department, Berlin (Germany).
2008-2012	Associate Professor (tenured), University of Central Florida (UCF), Physics Department, Orlando, Florida. Secondary joint faculty appointments at UCF's Nanoscience and Technology Center and at the Department of Civil, Construction, and Environmental Engineering.
2004-2008	Assistant Professor, University of Central Florida, Physics Department, Orlando, Florida.
2001-2003	Post-Graduate Scholar, University of California Santa Barbara, Chemical Engineering Department, Santa Barbara, California.

1998-2001      PhD student, Fellowship of the Deutsche Forschungsgemeinschaft, Graduate school, Department of Physics, University of Duisburg-Essen, Germany.

### **Awards**

- European Research Council Consolidator Award, 2016
- Fellow of the Max Planck Society, 2016
- Peter Mark Memorial Award, American Vacuum Society, 2009.
- University of Central Florida Research Incentive Award, 2009.
- NSF-CAREER, 2005.

### **Editorial Services**

- Associate editor of ACS Catalysis (2018-present)
- Member of the editorial advisory board of Chemical Reviews journal (2019-present)
- Member of the advisory editorial board of the Journal of Catalysis (2018-present)
- Member of the advisory editorial board of the Surface Science journal (2010-present).
- Associate editor of the J. American Vacuum Science and Technology B (2005-2010).

### **Other Services**

- Member of the Advisory Committee of the Office of Basic Energy Sciences of the US Department of Energy. (2011-present).
- Member of the Executive Board of the Cluster of Excellence UniSysCat, Berlin (2019-present).
- Member of the Advisory Committee to the Synchrotron Facility in Alba, Spain (2019 – present).
- Member of the Ertl Center for Electrochemistry & Catalysis, Gwangju Institute of Science and Technology, South Korea (2019-2029).
- Member of the Scientific Council of DESY - Deutsches Elektronen-Synchrotron – (2019-2021).
- Member of the Committee of Visitors evaluating the Office of International Science and Engineering of the US National Science Foundation (2011).
- Elected member of the executive committee of the Surface Science Division of the American Vacuum Society (2009-2012).