

Name: Alberto Morgante

Education:

1985 Degree in Physics at Trieste University.

1991 PhD in Physics at Trieste University.

Employment:

February 2010 – now Director CNR-IOM Institute

October 2009 Director of National TASC Laboratory INFN

November 1999 associate professor of Physics at Trieste University.

December 1995 – October 1999 researcher at Trieste University November 1992 – November 1995 researcher at Laboratorio TASC-INFN, Trieste

March 1991 – October 1992 Researcher at Trieste University

During the period 1988 – 1998 a total of 3 years of research activity at Fritz-Haber-Institut der MPG Berlin in collaboration with prof. G. Ertl. Alexander von Humboldt Foundation fellowship.

September 2006 - June 2007 Visiting scientist at the Nanoscience and Engineering Center of Columbia University New York USA

Other academic activities:

Member of PhD School in nanotechnology of Trieste University, 2008-2013 deputy director of the School and member of the Scientific committee of the School.

Supervisor of more than 10 PhD students and more than 20 undergraduate students.

Research activity

My research work concerned mainly with the experimental study of solid surfaces and thin films by using electron, X-ray and neutral atom scattering.

Main research subjects: thermodynamics of surface structures due to reconstructions and adsorbates studying in particular critical phenomena in 2-D phase transitions; thin film growth and inverse growth (removal); reordering kinetics of surfaces and thin films; gas-surface reaction dynamic; single molecule conductance; graphene electronic and morphological properties.

As scientific coordinator I was in charge of the management of the ALOISA beamline at Elettra. The beamline is open to external users since march 1998. Since then roughly 20 experiments per year in collaboration with a large number of Italian and foreign groups have been successfully carried out.

I published more than 130 papers on international refereed journals.

Other activities.

Member of the Review Committee of European Synchrotron Radiation facility (ESRF) in Grenoble. Referee for projects of the Italian ministry of research and University.

Referee of international scientific reviews, of research projects for DFG (Germany) and CNRS (France).

Member of the Executive committee of the Italian Academy at Columbia University.

Since October 2014 member of Board of Directors of Sincrotrone Trieste that runs the Elettra synchrotron radiation source and Fermi FEL source.