

GIOVANNI COMELLI - CURRICULUM VITAE

- Born in Udine on February 7, 1962 – Italian citizen.
- Married with Antonella Dorì. Father of Silvia, Anna, Elena.
- Full Professor of Physics with the Physics Department of the University of Trieste.
- **Education:** 07/1980: high school diploma at the *Liceo Classico San Bernardino da Siena* in Udine; 12/1985: *laurea* in Physics, *summa cum laude*, at the University of Trieste, discussing an experimental thesis under the supervision of Prof. R. Rosei.
- **Research field:** experimental physics, surface science, materials science and technology, both with conventional techniques and synchrotron light.
- **Main Research subjects:**
 - Local structure determination by means of X-Ray absorption techniques;
 - Determination of polymeric thin films structure by means of soft X-ray reflectivity;
 - Photoemission from adsorbate systems on transition metals;
 - Surface structures and reactivity of chemisorbed systems;
 - Development of synchrotron radiation instrumentation and techniques, with many experiments carried out during beamtimes at several international synchrotron radiation facilities: SSRL, Stanford (California); BESSY I and II, Berlin (Germany); LURE, Paris (France); MAX-lab, Lund (Sweden); ELETTRA, Trieste (Italy);
 - Scanning tunneling microscopy studies of surface processes;
 - Atomic scale determination of reaction mechanisms for chemical reactions of catalytic interest;
 - *In situ* and *in operando* characterization of graphene growth, structure, electronic and chemical properties.
- **Scientific production:** 215 scientific publications (184 in international refereed journals), with 4932 (5995) citations altogether [*h index* of 38 (42) according to *ISI Web of Science (Google Scholar)*], granting the inclusion in the list of *Top Italian Scientists* of the *VIA-Academy* (http://www.topitalianscientists.org/Top_italian_scientists_VIA-Academy.aspx); 1 patent: European (EP2428804, granted), USA (US2012066799, granted).
- **Main scientific and organizational responsibilities:**
 - Member of the Executive Board of the Surface and Interfaces section of the National Institute for the Physics of Matter (2000-2003); Deputy Director of the Physics Dept. of the University of Trieste (2000-2002); member of the Board of Directors of Elettra - Sincrotrone Trieste S.C.p.A. (2005-2014), Vicepresident of Elettra - Sincrotrone Trieste S.C.p.A. (2006-2014); member, appointed by the *Ministero dell'Istruzione, dell'Università e della Ricerca* (MIUR), of the Board of Directors of the *Istituto Nazionale di Alta Matematica "Francesco Severi"* (2009-2011); Director of the Elettra Partner Facility inside the *Central European Research Infrastructure Consortium* (CERIC-ERIC) (since 2014);
 - Management of several scientific projects at italian and european level;
 - Evaluation of scientific projects and programs for several italian and european institutions;
 - Chairman of the organizing committee of international conferences: VUV-XIII (Trieste, 23-27 July 2001 - 469 participants); ECSCD-12, (Trieste, 18-21 October 2015, ~70 participants).