

Curriculum Vitae

Augusto GIUSSANI

Born in Milano, Italy, December 14, 1966

Education

Graduation in Physics at Università degli Studi di Milano (Italy) in 1991.

Ph.D. (Dr. rer. nat) from the Physics Faculty of the Eberhard-Karls-Universität in Tübingen (Germany) in 1997. Ph.D. dissertation awarded with the GSF-Doktorandenpreis 1998.

Working experience

June-December 1993: guest researcher at GSF-Institute of Biophysical Radiation Research (Frankfurt am Main, Germany).

April 1994-June 1998: research fellow at GSF-Institute of Radiation Protection (Neuherberg-München, Germany).

July 1998-August 2001: technical scientist at the Department of Physics of Università degli Studi di Milano, (Milano, Italy).

September 2001-December 2007: scientific researcher (Junior Professor) at the Faculty of Mathematics, Physics and Natural Sciences of Università degli Studi di Milano, (Milano, Italy).

January 2008-December 2010: Project Manager of the FP7-EU-Collaborative Project **MADEIRA** at the Institute of Radiation Protection of Helmholtz Zentrum München (Neuherberg-München, Germany).

From October 2010: scientific officer at the German Federal Office for Radiation Protection (Oberschleißheim, Germany).

Main research activities.

The research is focused in the field of radiation protection and internal dosimetry and is conducted within projects financed by the European Commission as well as by Italian and German agencies. Main research topics are:

1. *Development of analytical techniques for single isotope determination in biological matrices.*
2. *Stable tracer kinetic studies for the elements molybdenum, ruthenium, zirconium, cerium and tellurium.*
3. *Development of compartmental biokinetic and dosimetric models.*
4. *Internal dosimetry evaluations for nuclear medicine patients and contaminated workers*
5. *Investigations on the physical properties of thermoluminescent materials and their application for dose reconstruction.*

The research activity is documented in 86 publications in peer-reviewed international scientific journals and more than 150 presentations at national and international congresses.

International memberships and collaborations.

Associate Member of **EURADOS** (European Radiation Dosimetry Group), Secretary of Working Group 7 (Internal Dosimetry).

Since October 2006 Corresponding Member, from October 2007 till March 2015 Full Member of the Working Group **INDOS** (Internal Dosimetry) of Committee 2 of the International Commission on Radiological Protection **ICRP**.

Corresponding Member of Task Group 36 (Radiopharmaceuticals) and Task Group 95 (Internal Dose Coefficients) of **ICRP**.

Training activities on biokinetic models and assessment of internal exposures on behalf of the International Atomic Energy Agency **IAEA** in Teheran, Iran (June 2010), Athens, Greece (June 2014), Kuala Lumpur, Malaysia (September 2014) and Yantai, China (June 2015).