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Institute of Nuclear Chemistry University Mainz, Germany

**Name:** Frank Rösch

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**Education and Training**

- 1955            born in Chemnitz; Germany, 15.10.1955
- 1961-1974     school in Hoyerswerda, Germany
- 1976-1981     Studying chemistry: Technical University (TU) Dresden, Germany
- 1980-1981     Dipl.-Chem. TU Dresden, Faculty of Chemistry, Section Radiochemistry:  
*Production of  $^{211}\text{At}$  and investigations on cationic species of astatine and their reactions*
- 1981-1984     TU Dresden, Faculty of Chemistry, Section Radiochemistry:
- 1984            Ph.D. (Dr. rer. nat.): Faculty for Mathematics and Sciences, TU Dresden:  
*On the Chemistry of At(I)-Complex formations*
- 1984-1987     Research fellow: Joint Institute for Nuclear Research, Dubna, Sowjet Union,  
Laboratory for Nuclear Problems
- 1987-1991     Central Research Institute of the Academy of Sciences (ZfK) Rossendorf ,  
Department of Radioactive Isotopes – Nuclear Pharmaca II
- 1988            Dissertation (Dr.sc.nat.): Faculty for Mathematics and Sciences, TU Dresden:  
*Basics and perspectives of the continuous electromigration measurement of  $\gamma$ -emitting  
radionuclides in homogeneous aqueous electrolytes free of supporting materials*
- 1989-1991     “Privatdozent” TU Dresden; Teaching Postgradual Radiochemistry
- 1992-1995     Institute of Nuclear Chemistry; Research Centre Jülich GmbH, Germany

## Present Positions

- since 1996 Professor (C4) for Nuclear Chemistry, Institute of Nuclear Chemistry, Johannes Gutenberg-University Mainz, Germany
- since 1997 Speaker of *the Interdisciplinary Network of PET research* of the Johannes Gutenberg-University Mainz, Germany
- since 2000 Speaker of the *Centre of Competency on PET-research* of the state of Rheinland-Pfalz, Germany
- since 2000 Co-ordinator, working group leader or vice-chair of various COST actions (EUROPEAN COOPERATION IN SCIENCE AND TECHNOLOGY) related to radiometals and their medical application:  
D18: LANTHANIDE CHEMISTRY FOR DIAGNOSIS AND THERAPY,  
D38: METAL-BASED SYSTEMS FOR MOLECULAR IMAGING APPLICATIONS  
BMC0607: FROM DOSIMETRY TO BIOLOGICAL EFFECT: RADIOBIOLOGY AS GUIDE TO CLINICAL PRACTICE IN NUCLEAR MEDICINE  
TD1004: THERAGNOSTICS IMAGING AND THERAPY: AN ACTION TO DEVELOP NOVEL NANOSIZED SYSTEMS FOR IMAGING-GUIDED DRUG DELIVERY
- since 2000 Member of the working group Radiopharmaceuticals of the *The Federal Institute for Drugs and Medical Devices* (*Bundesinstitut für Arzneimittel und Medizinprodukte, Germany*)
- since 2001 Co-ordinator of the International Student Exchange Program for Nuclear Chemistry / Radiopharmaceutical Chemistry between the University Mainz and the Brookhaven National Laboratory, USA
- since 2003 Expert of the IAEA (International Atomic Energy Agency, Vienna)  
2006-2009 Managing director of the Institute of Nuclear Chemistry  
2012-2015 Managing director of the Institute of Nuclear Chemistry