

## Curriculum Vitae

# Rainer Blatt

## Personal details

Otto Rainer Blatt, born 8 September 1952 in Idar-Oberstein, Germany, married, three children, German and Austrian citizenship

## Education

1959-1963 Primary school

1963-1971 High school

1971-1973 Military service in Germany

1973-1979 Studies of physics at Univ. of Mainz,

Diploma thesis: "Storage of mass separated Barium isotopes", Diploma degree 1979.

1979-1981 Dissertation in physics at Univ. of Mainz, PhD thesis: "Precision determination of the ground state hyperfine splitting of  $^{137}\text{Ba}^{+}$ ", doctoral degree 1981.

## Academic education and positions held

1981-1982 Univ. of Mainz (Prof. G. Werth), Research Associate

1982-1983 Joint Institute of Laboratory Astrophysics (JILA), Boulder, Co, USA, Research fellowship of the Deutsche Forschungsgemeinschaft (DFG)

1983-1984 Freie Universität Berlin (Prof. E. Matthias), Research Associate

1984-1987 University of Hamburg (Prof. P. Toschek), Research Associate

1988 Habilitation thesis

1989-1994 University of Hamburg, Heisenberg fellow

1991-1994 JILA, Boulder, Co., USA, several research visits

1994-1995 University of Göttingen, Professor of Physics at the 3. Physikalisches Institut

since 1995 University of Innsbruck, Full Professor of Physics, currently Institute Director and member of the academic senate

since 2003 Director of the newly founded Institute for Quantum Optics and Quantum Information of the Austrian Academy of Sciences

## Current address

Institut für Experimentalphysik, Universität Innsbruck,  
Technikerstrasse 25, A-6020 Innsbruck, Austria  
Tel.: +43-512-507-6350, Fax.: +43-512-507-2952  
e-mail: [Rainer.Blatt@uibk.ac.at](mailto:Rainer.Blatt@uibk.ac.at), <http://heart-c704.uibk.ac.at>

Institut für Quantenoptik und Quanteninformation,  
Österreichische Akademie der Wissenschaften  
Technikerstrasse 25, A-6020 Innsbruck, Austria

## **Awards and offers**

- 1989 Heisenberg fellowship award of the Deutsche Forschungsgemeinschaft (DFG).
- 1995 Offer to become Full Professor of Physics at Univ. Jena, Germany (declined).
- 1997 Innovations-Preis of the Tiroler Sparkasse for new ideas concerning quantum information processing.

## **Project support through**

Deutsche Forschungsgemeinschaft (DFG), Fonds zur Förderung der wissenschaftlichen Forschung FWF (Spezialforschungsbereich SFB F015), European Union (TMR, IHP, IST), ARO, Austrian Industry (Institut für Quanteninformation GmbH), special funds of the Austrian ministry of science (BMBWK),

## **Memberships**

Austrian Physical Society (ÖPG), German Physical Society (DPG), European Physical Society (EPS) (board member of the Quantum and Electro-Optics Division QEOD of EPS), American Physical Society (APS Fellow), Institute of Physics (IOP Fellow),

corresponding member of the Austrian Academy of Science (ÖAW)

## **Editorial Work (current)**

- Associate Editor of  
*Quantum Information & Computation*
- Editorial board member of  
*Quantum Information Processing*
- Editorial board member of  
*Applied Physics B (Lasers and Optics)*