



Retirement Prof. Hugo Keller

Hugo Keller was born in 1949 in Aarau. He studied Physics at the ETH Zürich before joining the group of Prof. Kündig at our institute, which was located in the Schönberggasse in those years.

In 1977 Hugo obtained his PhD with a thesis on *Phase transitions in low-dimensional magnetic systems*. In the following Hugo became a research associate in biophysics with Prof. Debrunner and Prof. Frauenfelder at the University of Illinois at Urbana-Champaign, where he studied the dynamics of iron in biomolecules using Mössbauer spectroscopy.

Even when several assistant professorships were offered to him in the US, Hugo was happy to accept the invitation to return to our institute as senior lecturer and research scientist, working on phase transitions with Mössbauer-spectroscopy techniques.

After his habilitation in 1984 Hugo started a very successful μ SR (muon spin rotation) research program at SIN (now part of the Paul Scherrer Institute) in Villigen.

In recognition of his forefront research together with Nobel prize winner Karl Alex Müller, his dedication to teaching and his service to the University, he became associate professor in 1995, and full professor in 2001.

Hugo Keller's research in solid-state physics, be it in μ SR or in other fields such as torque magnetometry or the study of isotope effects in superconductors, resulted in over 325 published articles which were well-received in the science community as demonstrated by numerous plenary talks at important international conferences.

Hugo contributed a lot to the institute and the faculty life, as the institute's director from 2003 to 2011, in the Fakultätsausschuss, or in his numerous and legendary lectures within the Kinderuniversität and at other instances, such as the *Tag der offenen Tür* in 2004, which he organized together with Paul Ward and John Robinson.

Hugo served on several scientific committees and is still an Associate Editor of the Journal on Superconductivity and Novel Magnetism. He was also very active in the supervision of the physics education at Swiss high schools.

Since August 2014, Hugo Keller is officially retired, but he agreed to teach Introductory Quantum and Atomic Physics for a few more semesters.

We thank Hugo Keller for everything he did for the institute, the students, the faculty and the university, and wish him many carefree and happy years as Professor Emeritus.