Prof. Dr. Werner Meyer

Ruhr-Universität Bochum
Germany

German JSPS Alumni Association
Member
www.jsps-club.de

Fundamental Physics - Particles and their SPIN
Japanese-German Cooperation since 1970

In this review a short journey is made through the history of some very important physics ideas and developments in the field of elementary particle physics since the very beginning to the special contributions within the Bonn/Bochum – Nagoya/ Yamagata Cooperation, focused on the keyword SPIN.

Our German-Japanese cooperation is concentrated on experiments with spin polarized solid targets. Since the beginning of the 1970's these studies have been performed at various accelerator facilities in Japan (INS-Tokyo; KEK-Tsukuba) and Germany (Bonn University; Mainz University). Since about 20 years the German-Japanese cooperation partners are active at CERN-experiments. Subsequent developments of all aspects of polarized solid target systems, which not at least have been done in the framework of the very fruitful Bonn/Bochum - Nagoya/Yamagata cooperation, have opened up new experimental possibilities to study some of the outstanding and fundamental problems of particle spin physics. New developments in the technically challenging field of polarized solid targets are still on the horizon, which nowadays points also towards the field of medical diagnostics. We are looking forward to an exciting future and to a successful continuation of our German-Japanese cooperation.

Werner Meyer *studied Physics at the University of Bonn from 1967 until 1973 with a PhD graduation in 1977 and performed his habilitation in 1988 at the same University. Career progression: Scientist at the Physics Institute in Bonn from 1976 until 1995; visiting researcher at CERN/Switzerland in 1981 and in Nagoya/Japan in 1986 and 1999; research stays in Stanford/USA from 1991 until 1992.*
He received a Professorship in 1995 and held this position at the Ruhr-University in Bochum from 1995 until 2014. During this period he served in several committees and cooperated with researchers abroad. Some examples: Research projects at Newport News/USA in 2000 and 2004. Member of the Senate of the Ruhr-University 1997; Leader of the European research projects FP6; FP7; HP2 and HP3 from 2003 until 2014; Dean of the Faculty for Physics and Astronomy at the Ruhr-University Bochum from 2004 until 2006 and Deputy Dean from 2006 – 2013. Since 2014 he is a senior professor at the Ruhr-University Bochum.