

Curriculum vitae, Wolfgang Knapp, CH-8226 Schleitheim

Born 1956-02-14 in Bregenz, Austria, Swiss citizen, married, 2 children

- 1978 diploma at Swiss Federal Institute of Technology (ETH), Dipl.Masch.Ing.ETH
special subject control technology (Prof. Profos)
special subject machine tool design and manufacturing (Prof. E. Matthias)
Georg A. Fischer prize for diploma thesis (control of hydraulic drive)
- 1980 certificate of Software School of Switzerland
- 1984 Dr.sc.techn.ETH
Thesis: Vorschlag zur Abnahme von 3-Koordinaten-Messgeräten
[Proposal of acceptance test for three coordinate measuring machines]

1978 to 1986

scientific assistant to Prof. E. Matthias at the institute for machine tool design and manufacturing (IWF) of ETH, sector metrology

since 1986

Engineering Office Dr. W. Knapp

consultant for machine tool metrology, workpiece metrology, three coordinate metrology, error-budgeting
participant in Swiss and European research projects related to machine tools and metrology

1989 to 1994

lecturer at business schools (KV, Zurich, SIB, Zurich), course for programmer and analysts, subjects programming, CAD/CAM/CIM, expert systems

1991 to 2002

lecturer at College of Engineering (HTL), Grenchen, for machine tools and manufacturing (metal cutting)

since 1994, on behalf of swissmem, the Swiss machine builders association

chairman of VSM/NK 9, Swiss standards committee for machine tools
representative of Switzerland to CEN/TC 143, safety of machine tools, and ISO/TC 39, machine tools, and its sub-committees

since 1995

lecturer at Swiss Federal Institute of Technology (ETH) for workpiece metrology and machine tool metrology

since 1998

head of the metrology sector at IWF of ETH (Prof. F. Rehsteiner, then Prof. K. Wegener), part time engagement

since 2001, on behalf of CECIMO, the European machine tool builders association

chairman of CEN/TC 143, safety of machine tools

since 2003, on behalf of CECIMO, the European machine tool builders association

chairman of ISO/TC 39, machine tools, and ISO/TC 39/SC 10, machine tools, safety

1995 to 1999

member of the municipal council of Schleitheim

responsible for finances and schools
member of the school council

Publications

Some 70 publications related to machine tool and CMM performance evaluation.

Memberships and special activities

CIRP

the International Academy for Production Engineering
Fellow since 2002

Vice Chairman of STC-P, Scientific Technical Committee Precision Engineering
and Metrology since 2009

EUSPEN

the European Society for Precision Engineering and Nanotechnology
member of EUSPEN

reviewer for EUSPEN conferences
member of the Council since 2009

PRECISION ENGINEERING

the Journal of the International Societies for Precision Engineering and
Nanotechnology, USA

reviewer for Precision Engineering

LAMDAMAP

the bi-annual international conference and exhibition on laser metrology, machine
tool, coordinate measuring machines and robot performance, England

reviewer for LAMDAMAP

member of the steering committee of LAMDAMAP

Expert for safety of machine tools in bilateral talks between EU and P.R. China

Brussels, 2005

Shanghai, 2005

Brussels, 2006

EVIGeM e.V.

European Virtual Institute for Geometric Measurements

Vice President

MANUFUTURE CH, 2006-2009

Convenor of WG 2, Education