

# CURRICULUM VITAE

KURT SCHLACHER

## 1 Personal Data

Date of birth : 16.08.1955  
Place of birth : Graz, Austria  
Citizenship : Austria

## 2 Education

09/1961–07/1965 : Elementary school, Graz, Austria  
10/1965–03/1973 : High school, Graz, Austria

## 3 Study and Military Service

10/1973–03/1979 : Study of Electrical Engineering, specialization in Automatic Control  
01/1980–08/1980 : Military service  
04/1984 : Ph.D. in Automatic Control, Institute for Automatic Control at the Technical University of Graz, Austria. Thesis: *Ein neues Verfahren zur Ermittlung optimaler, nicht-parametrischer Regler für lineare Eingrößensysteme mit Beschränkungen (A new method for the design of optimal, non parametric controllers for LTI-SISO Systems with Restrictions)*  
09/1990 : Habilitation at the Technical University of Graz, Austria. Thesis: *Systemanalytische Methoden für hydrodynamische Netze (Methods of System Analysis for Hydrodynamic Networks)*

## 4 Professional Positions

- 03/1981 : University assistant at the Institute for Automatic Control at the Technical University of Graz, Austria
- 09/1990 : Associate Professor at the Institute for Automatic Control at the Technical University of Graz, Austria
- 03/1992 : Full professor for Automatic Control at the Johannes Kepler University Linz, Austria
- Today : Head of the Institute of Automatic Control and Control Systems Technology at the Johannes Kepler University Linz, Austria

## 5 Research Interests

- Model based control of lumped and distributed parameter systems based on differential algebraic and geometric methods
- Computer algebra based methods for the analysis and design of dynamic systems
- Mathematical modeling and analysis of dynamic systems with respect to control design
- Application of control theory in industries (machinery, plastic, steel, etc.), distributed control with actuator and sensor fields, the cognitive factory