

## CURRICULUM VITAE



**Name:** Erwin FRANZ

**Date of birth:** 1961

**Profession:** Mech. Engineer M.Sc.

**Career at Voith:** Entry 1986 as engineer for hydraulic layout, solidity calculations and transient conditions

**Career at Kössler GmbH:** Entry 1991 as chief engineer, also responsible for electronic data processing. From 2010 until 2014 technical manager

**Recently:** Since 2014 working as independent consultant for hydro power  
Since July 2015 technical managing director and shareholder at HPWE

**Additional:** Lectureship at the technical University in Graz in the field of Hydro-Turbines

**Foreign languages:** English, French

## References:

Six years' experience from 1986 till 1991 in layout, design, solidity and transient conditions calculation of water turbines and pumps at Voith Hydro.

Responsibility and design for the following projects, amongst others:

<b>Project Name:</b>	<b>Country:</b>	<b>Type of Turbine:</b>
Forss	Sweden	Kaplan S-Type
Köflach	Austria	Kaplan S-Type
Radegund	Austria	hor. 2 jet Pelton-Tu
Lofsan	Sweden	hor. Francis Spiral-Tu
Al Zara	Syria	hor. Propeller-Tu
Gönen	Turkey	vert. Francis Spiral-Tu
Modi Khola	Nepal	vert. Francis Spiral-Tu
Molu	Turkey	hor. Francis Spiral-Tu
Kötschachbach	Austria	vert. 6 jet Pelton-Tu
Puntilla	Chile	hor. Francis Spiral-Tu
Zogno	Italy	vert. Francis Spiral-Tu
Bahcelik	Turkey	hor. Francis Spiral-Tu
Hollersbach	Austria	vert. Francis Spiral-Tu
Kulp 1	Turkey	vert. Francis Spiral-Tu
Ilulissat	Greenland	vert. Francis Spiral-Tu
Sarihidir	Turkey	hor. Kaplan Pit-Tu

## Research and development:

- Model Tests for Malankara HEPP (Hor. Bulb units with inlet bend for India)
- Installation and service of the local area network in the company
- Development of various computer programs for calculations (i.e. water hammer analysis)
- Standardization of b.o.m.'s (i. e. standard designations, use of european standards)  
Simplification and standardization of turbine components