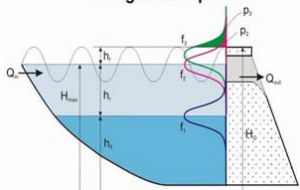




Design Concept



(C) Ratschan



(C) WLV



Master thesis

Physical parameters of turbine passages



© Schneider

Collected data of Barotrauma Detection Sensors (BDS) in high temporal resolution

- Pressure distribution
- Acceleration (3D)
- Rotation (pitch, roll, yaw)
- Temperature

Aim and methodology:

- Literature review
- Analysis of data of prototype tests (3 hydro power plants)
- Input for CFD Models
- Collaboration with University Tallinn and HFM (TU Graz)

Start:

Winter 2017/2018

Contact:

Josef Schneider

Phone.: 0316-873-8862

Email: schneider@tugraz.at

