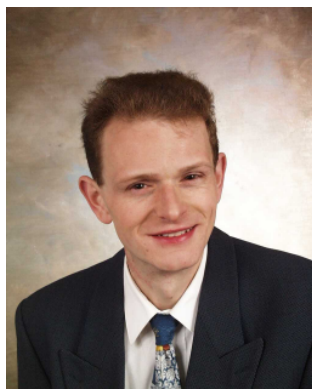


## Curriculum Vitae



**Personal dates:** Josef Friedrich Pühringer  
born on March 17<sup>th</sup>, 1972 in Steyr (Upper Austria)  
unmarried, no children

### School education:

9/1978 - 7/1982 Elementary school in St. Marien (Upper Austria)  
9/1982 - 7/1986 Secondary modern school HS II Neuhofen  
9/1986 - 6/1991 Attendance of the HTL (a technical school) at Wels  
Subject area: *chemical operating technology*  
The education also included economical and technological subjects besides the comprehensive ground education in inorganic and organic chemistry.

### Education at the Johannes Kepler University Linz

10/1991 - 10/1998 Studies in **technical physics**  
**Emphasis of studies:** application of lasers and optics  
**Master thesis** on the area of material processing with lasers  
title: "*Surface-modification of poly(tetrafluoroethylene) with UV-excimer-laserlight and its characterisation*"  
The thesis was charged by Univ. Prof. Dr. Dieter Bäuerle  
  
Since 01/2003 Ph.D. at the Institute of Polymer Science  
supervisor: ao. Univ. Prof. Dr. Gerhard Eder

### Profession experience

02/1999 - 11/2000 Innovation Assistant for Sunpower Energy Systems in Perg (Upper Austria).  
  
The **Innovation Assistant** supports small or middle companies in the realisation of a certain innovation-intention. The working method is *project-* and *result-*oriented.  
  
**Area of responsibility:** development of a new kind of a pressureless buffer-saver for heating systems (especially for saving thermal solar energy).

The development process included the analysis of competitive products, basic experiments and the production and improvement of the first prototypes.

12/2000 - 02/2002 Employee in the development department of RSF Electronic Ges.mbH. at Tarsdorf (Upper Austria)

**Area of responsibility:**

\* Further development and improvement of the optical elements and set-up of incremental length measuring systems

\* Tuning of the vaporisation process

03/2002 - 12/2002 Job applicant

Since 01/2003 **Ph.D. student** at the Institute of Polymer Science at the Johannes Kepler University Linz

Working title: "*Rheokinetics of plastics during injection molding*"

01/2003 - 12/2003 EU project: Simulation Molding SME

01/2004 - 06/2006 Strategic project S3 "*Rheological Properties of Crystallizable Polymers during Solidification*" for the PCCL Leoben

The Ph.D. thesis is expected to be finished in autumn 2006.

**Languages**

German (mother tongue), English in word and writing, French (basic knowledge)

**Computer knowledge**

MS-DOS and MS-Windows operating systems, MS-Office; Internet; basic-knowledge in UNIX (especially Linux), LaTeX and Xfig. CAD-experience (ArchLine) Programming experience in C, FORTRAN, QBASIC and LabView

**Further abilities**

Experience in solicitation of furtherance at local and federal administration

**Patents (joint inventor)**

"Optical process for enhancement of the adhesion of biological cells on polymer surfaces and surfaces produced thereby."

*Applying no. 0200254.2- on February 4<sup>th</sup>, 2002*

Applier: Johannes Heitz

**Hobbies**

Reading, sports (hiking, cycling), programming, hydrodynamic studies

St. Marien, July 21<sup>th</sup>, 2006

