

# Curriculum Vitae

## Personal Information

Dr. Oliver Passon  
date of birth 5. 6. 1969 in Wuppertal, Germany  
marital status: single  
nationality: German

## education

- 10/1990 - 10/1995 Student at the University of Wuppertal with the majors physics and mathematics and the minor subjects computer science, philosophy and educational science.
- 11/1995 - 1/1998 Diploma work in experimental high energy physics within the DELPHI collaboration at CERN.  
thesis: *Energy dependence of inclusive spectra in  $e^+e^-$  annihilation*  
degree: Diplom Physiker  
grade: with distinction
- 02/1998 - 10/2002 Ph.D. student in the DELPHI collaboration  
thesis: *Tests of perturbative QCD in  $e^+e^-$  annihilation*  
degree: Dr. rer. nat.  
grade: summa cum laude

## work experience

- 10/1992 - 2/1998 Teaching assistant at the University of Wuppertal  
Supervision of courses in linear algebra, arithmetic, algebra, geometry, computer science, classical mechanics, electro dynamic
- 3/1998-10/2002 Graduate student at the University of Wuppertal  
Collaboration in the DELPHI experiment at CERN. In addition to the scientific work this activity included the participation in measuring shifts and technical services for the experiment during several stays at CERN.

- 11/2002 - 6/2004 Postdoctoral research fellow at the University of Wuppertal
- Member in the ATLAS Software group at the University of Wuppertal. Here the main activity were Trigger studies for single top production.
- since 7/2004 Postdoctoral research fellow at the Research Center Jülich
- Member of the visualization group. Development of visualization tools for the interactive docking of biological macro molecules. This work is part of the HFSP funded project "Fast rotational matching methods for structure determination of mega-dalton subcellular machines" (Grant RGP0026/2003).

### **International experience**

- 1996-2004 Regular several month long scientific stays at the European center for high energy physics, CERN, in Geneva (Switzerland).
- since 1999 Participance in conferences and summer schools in Switzerland, Finland, Hungary, Russia, France, USA, Italy and Croatia
- 2/2005 Scientific stay at the University of Texas, Houston.