

## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **Katharina Dobes**  
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**E-mail** dobes@iap.tuwien.ac.at  
**Nationality** Austria  
**Date of birth** 06.07.1983  
**Gender** female

### Work experience

<p>2009 - present</p> <p>Occupation</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Vienna University of Technology</p> <p>Project assistant at the institute of applied physics</p> <p>Development and realisation of scientific experiments (in Vienna as well as abroad), supervision of undergraduate students</p> <p>Vienna University of Technology, Wiedner Hauptstrasse 8 – 10/E134, 1040 Wien</p> <p>Science</p>
<p>2005 – 2009</p> <p>Occupation</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>Schülerhilfe</p> <p>Tutor</p> <p>for mathematic, physics, chemistry, mechanics</p> <p>Schülerhilfe Vienna, Landstraßer Hauptstr. 33 a, 1030 Wien</p> <p>Tutoring centre</p>
<p>2004 – 2007</p>	<p>Fessel GFK</p>

Occupation	Database support in a market research institute
Main activities and responsibilities	Uptdating and Supporting a database
Name and address of employer	GfK Austria GmbH, Ungargasse 37, 1030 Wien
Type of business or sector	Market research

April 2004	Catering at the grand prix in Bahrain
Main activities and responsibilities	Servicing in the VIP Lounge
Type of business or sector	catering

2002-2005	Österreicher
Occupation	Caterer
Main activities and responsibilities	Servicing
Type of business or sector	catering

2002	Eissalon Mauß
Occupation	Service Employee in an ice-cream parlour
Name and address of employer	Eissalon Mauß, Thailiastraße 155, 1160 Wien
Type of business or sector	gastronomy

1999 - 2001	Haslinger&Keck, PR
Occupation	Database support in an advertising agency
Main activities and responsibilities	Uptdating and Supporting a database
Name and address of employer	Haslinger, Keck, Auhofstraße 8/C/8, 1130 Wien
Type of business or sector	Advertising agency

### Education and training

13.12.2009	TU Erfolgsschmiede – seminary on presentation and communication skills
Name and type of organisation providing education and training	Corporate Consult, consulting and coaching company

07.10.2009	Diploma examination and graduation from physics studies
Title of qualification awarded	Masters degree
Name and type of organisation providing education and training	Vienna University of technology
Level in national or international classification	Passed with honour

25.09.2009	IPP summer university on plasma physics and fusion research
Name and type of oragnisation providing educaton and training	Institute for plasma physics Greifswald, Germany

13.06.2001	High school graduation
Title of qualification awarded	Austrian school leaving certificate
Name and type of organisation	BGRG Maroltingergasse, high school

Level in national or international classification Passed with honour

25.06.1993 Elementary school

Name and type of organisation VS Piaristengasse, elementary school

### Personal skills and competences

Mother tongue(s) **German**

Other language(s)

Self-assessment

European level (\*)

**English**

**Spanish**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C1	C1	C1
B1	B2	A2	A2	B1

(\*) [Common European Framework of Reference for Languages](#)

Social skills and competences Capacity for teamwork, high sense of responsibility, openness, empathy

Organisational skills and competences Analytical Skills, structural thinking, problem solving competence, organising ability, ability to work under pressure

Technical skills and competences Vacuum engineering, plasma physics,

Computer skills and competences Windows, Mac OS, MS Office, Fortran, C (basic skills), Igor, Labview, LaTeX

Driving licence Car driving licence

### Short Essay (300 words max)

In the course of my doctorate I am doing research in the field of plasma-surface interaction physics and surface science. I design and perform experiments both in my home institution in Vienna as well as abroad. As part of my work I am very frequently confronted with ion optic systems, charged particle detectors and TOF devices. In order to understand the particle trajectories in my experimental setups and for optimization purposes I have already very briefly encountered and worked on a pre-designed SIMION programme. To gain experience and learn more about this versatile simulation tool on the one hand and to deepen my theoretical knowledge on charged particle optics on the other hand, the CPOTS programme would thus be of great interest for me. It would allow for a more substantiated way of modelling and planning experiments in the future and broaden my capabilities of evaluating the quality and reliability of experimental setups and measured data. All in all I think I would benefit from the CPOTS course both from a theoretical as well as practical point of view in my every day work. Moreover I hope to find the possibility within the framework of this course to get to know people working in a similar scientific field as I do. I believe that an animated exchange with like-minded scientists as well as with students of differing background could be a very enriching experience, which I do not want to miss.