



# Andreas Marsing

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## ● WORK EXPERIENCE

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01/03/2016 – CURRENT – Oberpfaffenhofen, Germany  
**PHYSICIST** – GERMAN AEROSPACE CENTER (DLR)

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Atmospheric physics  
Conduct in-situ aircraft measurements of atmospheric trace species using mass spectrometry

## ● EDUCATION AND TRAINING

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01/03/2016 – 01/07/2021 – Mainz, Germany  
**DOKTOR DER NATURWISSENSCHAFTEN (PHD)** – Johannes Gutenberg-Universität

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Proficiency in atmospheric physics/meteorology  
Mass spectrometry  
Experimental work in the laboratory and in the field during several aircraft campaigns worldwide  
Team effort in planning, conducting and evaluating measurement studies  
Conduct and publish own research project  
Present and discuss own work with international audience and experts

### **Field(s) of study**

- Natural sciences, mathematics and statistics : *Physics*

Magna cum laude | Chlorine partitioning in the lowermost Arctic stratosphere during winter

01/10/2013 – 03/11/2015 – Stuttgart, Germany  
**MASTER OF SCIENCE** – Universität Stuttgart

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Stochastic thermodynamics  
Active Brownian motion  
Simulations using C++

### **Field(s) of study**

- Natural sciences, mathematics and statistics : *Physics*

1.8 | Optimale Strategien für Aktive Bewegung

01/10/2010 – 21/09/2013 – Konstanz, Germany  
**BACHELOR OF SCIENCE** – Universität Konstanz

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First experience in a research institute (DLR Institute of Materials Physics in Space, Cologne, Germany)  
Experimental work in the laboratory using a laser-heated aerodynamic levitator  
Materials science  
Video image analysis using Octave/MATLAB

### **Field(s) of study**

- Natural sciences, mathematics and statistics : *Physics*

1.3 | Untersuchung thermophysikalischer Eigenschaften unterkühlter Al<sub>2</sub>O<sub>3</sub>-basierter Flüssigkeiten

## ● LANGUAGE SKILLS

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**Mother tongue(s):** GERMAN

**Other language(s):**

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C1	C2	C1	C1	C1
<b>FRENCH</b>	B2	B2	B1	B1	B1
<b>SPANISH</b>	B1	B1	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

## ● DIGITAL SKILLS

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Microsoft Office | Python | LaTeX | C++ | MATLAB | LabVIEW | HTML | Mathematica | OriginLab | Social Media