

## Curriculum Vitae

### Personal information

**First name / Surname** **Dr. Volker Mannheim, BSc, PhD**  
**Address** Slatinweg 22  
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 Villach  
 Austria  
**Mobile** +43 (0)676 9705925  
**E-mail** v.mannheim@illuminavero.com  
**Nationality** German  
**Date of birth** 03 November 1968  
**Gender** Male



### Work experience

<p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of main office</p> <p>Type of business or sector</p>	<p>01 April 2008 →</p> <p>consultant for R&amp;D, founder and CEO of engineering office ILLUMINAVERO</p> <p>consultancy for optical design, special illumination systems and optical sensors</p> <p>Ingenieurbüro für technische Physik ILLUMINAVERO Dr. Volker Mannheim          Slatinweg 22          A-9523 Villach          Austria</p> <p>R&amp;D consultancy</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>15 April 2002 - 31 March 2008</p> <p>project leader and key researcher</p> <p>optical design, optical sensors, illumination systems, sensors-actuators, ophthalmology, medical technology, EU-projects, research, scientific work, industrial projects; taking projects from the level of scientific basic research to industrial prototypes</p> <p>Carinthian Tech Research AG          Europastr. 4          A-9524 Villach          Austria</p> <p>R&amp;D</p>
<p>Dates</p> <p>Occupation or position held</p> <p>Main activities and responsibilities</p> <p>Name and address of employer</p> <p>Type of business or sector</p>	<p>01 November 1998 - 31 October 2001</p> <p>management and engineering consultant</p> <p>consultant in Design for Environment, Manufacture and Assembly; project leader in both industrial consultancy and multi-national EU-funded projects; development of design methodologies, main customers in electr(on)ic industries, such as consumer goods, automotive and rail industries</p> <p>Gesellschaft für Entwicklungsberatung und Produktrecycling mbH,          Wilhelmshaven,          Germany</p> <p>Engineering Consultancy</p>

## CV – DR. VOLKER MANNHEIM

Dates	01 September 1994 - 30 June 1998
Occupation or position held	PhD student and project leader
Main activities and responsibilities	characterisation of novel mid-infrared room temperature LEDs, evaluating them for use in gas-sensors for environmentally sensitive gases like CO, CO <sub>2</sub> , NO <sub>x</sub> , SO <sub>x</sub> . Setting up and testing of gas-sensors. Close collaboration with international academic and industrial partners.
Name and address of employer	Heriot-Watt University, Department of Physics, Edinburgh, UK
Type of business or sector	University
Dates	01 September 1994 - 30 June 1996
Occupation or position held	tutor
Main activities and responsibilities	during PhD work: tutor, responsible for teaching and examining students
Name and address of employer	Heriot-Watt University, Department of Physics, Edinburgh, UK
Type of business or sector	University
Dates	01 July 1990 - 31 August 1994
Occupation or position held	various vacation jobs
Main activities and responsibilities	During university, various vacation jobs, lifeguard on the North Sea, warehouse worker, fork lift driver and machine operator in large industrial dairy.
Name and address of employer	various
Dates	01 July 1988 - 29 June 1990
Occupation or position held	Army Reserve Officer
Main activities and responsibilities	West German Army: Leutnant (der Reserve). In my last posting as 2nd in command of a platoon of 97 conscripts and NCOs I was responsible for their education, training and the daily operations. I was employed as a commander of a special ammunition storage site and as leader of an alarm force, closely working with US army detachments.
Name and address of employer	2./PzGren Bat 132 BglBtr 5
Type of business or sector	Army

**Education and training**

Dates 01 September 1994 - 30 June 1998  
 Title of qualification awarded PhD  
 Principal subjects / occupational skills covered characterising novel mid-infrared room temperature LEDs, evaluating them for use in gas-sensors for environmentally sensitive gases like CO, CO2, NOx, SOx. Setting up and testing of gas-sensors. Close collaboration with international academic and industrial partners.  
 Name and type of organisation providing education and training Heriot-Watt University, Department of Physics, Edinburgh, UK

Dates 01 September 1990 - 30 June 1994  
 Title of qualification awarded BSc (hons) II.1  
 Principal subjects / occupational skills covered Physics with Computer Applications  
 Name and type of organisation providing education and training Heriot-Watt University, Department of Physics, Edinburgh, UK

**Personal skills and competences**

Main languages **Mother tongue German, English bilingual**

Other languages

Self-assessment  
 European level (\*)

**French**  
**Italian**  
**Spanish**  
**Russian**

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	Independent user	B2	Independent user	A2	Basic User	A2	Basic User	A1	Basic User
A2	Basic User	B1	Independent user	A1	Basic User	A1	Basic User	A1	Basic User
A2	Basic User	B1	Independent user	A1	Basic User	A1	Basic User	A1	Basic User
A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User	A1	Basic User

(\*) Common European Framework of Reference (CEF) level

Computer skills and competences ZEMAX, LabView, MatLab, Solid Works, Scientific programming and modelling, MS Office

Further relevant interests and competences founder and chairman of Carinthian Matadors Rugby Football Club, organisation of Rugby internationals and international tournaments  
 baroque music, viola da gamba, fine arts

Driving licences clean, full licences for cars, motorcycles and single engine piston aircraft

