

Curriculum vitae

Pre-academic training	1
Academic and medical training	1
Additional training/courses	2
List of publications (peer-reviewed, full papers only)	4
Chapters in books/review papers	14
Edited books	17
Substantial contributions (as [co-]promotor) to PhD theses	18
Invited lectures	19
Organised meetings (other than perimetry, OCT and stereoscopic optic disc courses)	25
<i>Ad hoc</i> reviewer of following journals	27
Grants	28
Advisory Boards (unpaid)	30
Hobbies	31
Language skills	32

Pre-academic training

Lemij went to various primary schools in several countries, since his parents worked with an international oil company. His secondary school was the Rijnlands Lyceum in Wassenaar, The Netherlands.

Academic and medical training

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| 1978 - 1985 | Medical school at the State University of Leiden, The Netherlands. Lemij graduated <i>cum laude</i> . |
| 1985 - 1987 | Military service in the Royal Dutch Navy, largely as a resident in Psychiatry at the Marine Hospitaal (Navy Hospital), Overveen, The Netherlands. |
| 1987 - 1989 | PhD-student at the Erasmus University, Rotterdam, The Netherlands. He worked at the Department of Physiology I, supervised by Prof. H. Collewijn. Lemij's research was into the conjugacy of saccadic eye movements. More specifically, Lemij examined adaptation of the human saccadic oculomotor system to anisometric spectacles requiring nonconjugate saccades. Lemij graduated <i>cum laude</i> . His thesis was awarded with the Hamburger prize, as well as the Binkhorst prize. |
| 1989 - 1993 | Residency in ophthalmology at the Rotterdam Eye Hospital, Rotterdam, The Netherlands. The head of the residency programme was G.S. Baarsma, MD. During the residency, Lemij became increasingly interested in glaucoma. |
| 1993 | Lemij spent 3 months visiting various glaucoma specialists in the United Kingdom, the United States of America and The Netherlands. |
| 1993 - date | Lemij joined the faculty of The Rotterdam Eye Hospital as a glaucoma specialist and as an anterior segment surgeon. He is also the Scientific Director of the Rotterdam Eye Hospital. He has served on the Rotterdam Eye Hospital's Science Committee. This committee was renamed into the Institutional Review Board after a merger with the hospital's Medical Ethics Committee in January 2004. Lemij's own research activities initially focussed on the oculomotor system, but more recently on glaucoma. In glaucoma, most research has been into scanning laser polarimetry, a technique that determines <i>in vivo</i> the thickness of the retinal nerve fiber layer, a thin tissue that is affected in glaucoma. Lately, several other imaging technologies used in glaucoma have been added to his research activities. He has also developed an interest in shared glaucoma care, i.e., delegating clinical tasks to other eye care professionals, optometrists and technicians, both within and outside the hospital setting. In 2004, he extended his research activities to genetic epidemiology of glaucoma. In addition, Lemij regularly - gives courses in glaucoma and perimetry to ophthalmologists, residents and ophthalmic technicians throughout The Netherlands and abroad. The clinical use of structural imaging (stereoscopic fundus photography, scanning laser polarimetry and optical coherence tomography) are other topics of his regular courses. He established and chaired the Dutch Humphrey Perimeter Users Society; this society changed its name in 2008 to the Stichting Anatomy and Function of the |

	Eye (SAFE), in order to also pay attention to imaging technologies in the management of glaucoma. Lemij is the president of SAFE. He also chairs the Dutch Glaucoma Group (a group of glaucoma specialists and ophthalmologists with a special interest in glaucoma in the Netherlands). He established the Imaging Morphometry Association for Glaucoma in Europe (IMAGE) in 2002. He helped establish the Glaucoma Genetic Epidemiology Network in Europe (GlaucoGENE) in 2004. From 2006 till 2010, he was a visiting Professor at the Catholic University of Leuven, Belgium.
1998 – 2004	Lemij chaired the Medical Ethics Committee of The Rotterdam Eye Hospital. As mentioned earlier, this committee changed into the Institutional Review Board in January 2004.
2009	Lemij became vice-chair and secretary of the medical faculty of the Rotterdam Eye Hospital. He also joined the advisory board of Health Base, the publisher of “Commentaren Medicatiebewaking”, a reference manual for Dutch pharmacists.
2010	Lemij became a member of the Glaucoma Experts Committee of the European Institute of Vision (EVI).
2011	Lemij joined the Advisory Board of the review journal <i>Framingham on ophthalmology</i> .
2011	Lemij joined the European Advisory Board of Laboratoires Théa.
2013 to date	Lemij was elected as chair of the medical faculty of the Rotterdam Eye Hospital. The medical faculty of the Rotterdam Eye Hospital consists of 34 ophthalmologists, working in 4 locations: the Rotterdam Eye Hospital, as well as in 3 other franchise locations, within general hospitals in the Rotterdam area: the Sint Franciscus Gasthuis, the Havenziekenhuis and the IJsselland Ziekenhuis. The number of collaborating hospitals is expected to grow.
2015 to date	Lemij serves as a Medical Director of the Rotterdam Eye Hospital. In addition, he continues to see and operate on glaucoma and cataract patients.

Additional training/courses

1988	Cambridge Proficiency Certificate in English (level C2 of the Council of Europe's Common European Framework of Reference for Languages)
1998 – 1999	Curriculum for Living (Landmark Education)
1999	Communication courses CAP/PPP (Landmark Education)
2000	Effective Negotiating (Karrass Europe Limited)
2005-2007	French conversation lessons (Alliance Française)
2007- 2010	Italian conversation lessons (various teachers)
2009	Medical management (Management voor medici; Academie voor medisch specialisten)
2010	Major Incident Medical Management and Support (MIMMS); Advanced Life Support Group NL)

2010 - date	French conversation lessons (Katuscia Siddi, Cagliari, Sardinia, Italy; Myngle.com/EduFire.com/Skype)
2010 - date	Italian conversation lessons (Katuscia Siddi, Cagliari, Sardinia, Italy; Myngle.com/EduFire.com/Skype)
2011	One price fits all? (Medical finance; Medilex, Zeist, The Netherlands)
2012	Preventief en curatief omgaan met disfunctioneren (Medilex, Utrecht, The Netherlands)
2012 - 2013	Norwegian conversation lessons (Silje Linn Moss, Bergen, Norway, Skapago)
2013	Brazilian Portuguese conversation lessons (Mau Buchler, Sao Paolo, Brazil)
2013	Giving feedback to medical residents (KNMG, The Netherlands)
2013 - 2014	Stafvoorzittersgroep bij Damhuis, Elshout en Verschuren. Intervisie voor voorzitters van medische staven
2014	Erasmus Medical Centre Leadership Programme
2014	Course in Situational Leadership
2015 -2016	Intervisiegroep voor cobestuurders bij Damhuis, Elshout en Verschuren

List of publications (peer-reviewed, full papers only)

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Lemij HG, Blumenthal E, Fechtner R, Greenfield D and Kook M: Scanning Laser Polarimetry (SLP). In: Weinreb RN & Greve EL (Eds.) *Glaucoma Diagnosis. Structure and Function*. Kugler Publications / SPB Academic Publishing bv, 2004

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Lemij HG, Renard JP, Sellem E. Polarimétrie à Balayage Laser (GDx PRO). In Glaucome primitif à angle ouvert. Elsevier Masson, 2014, ISBN 978-2-294-74064-0, pp. 155-159.

Choplin NT, Craven ER, Reus NJ, Lemij HG and Barnebey H. Retinal Nerve Fiber Layer (RNFL) Photography and Computer Analysis, in Sharaawy TM, Sherwood MB, Hitchings RA and Crowston JG (Eds.). *Glaucoma*. Saunders, Elsevier, 2014, pp244-260.

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Choplin NT, Reus NJ, Lemij HG. Scanning laser polarimetry in glaucoma, in *Glaucoma Imaging*, Garway-Heath et al. Eds., Publicomm, Savona, Italy, 2017.

Edited books

Lemij HG and Schuman JS. *The Shape of Glaucoma; Quantitative Neural Imaging Techniques*. Kugler Publications, The Hague, The Netherlands, 2000.

Iester M, Garway-Heath D and Lemij HG. *Optic Nerve Head and Retinal Nerve Fibre Analysis*, Dogma, Savona, Italy, 2005.

Iester M, Garway-Heath D and Lemij HG. *Glaucoma Imaging*, Publicomm, Savona, Italy, 2017.

Substantial contributions (as [co-]promotor) to PhD theses

Van den Bosch WA *Eyelid position and apposition* Groningen, 1998.
Tjon-Fo-Sang MJH *The role of scanning laser polarimetry in glaucoma*, Amsterdam, 1998.
Wouters RJ, *Saccades of the eye and eyelid; clinical applications*, Rotterdam, 2001.
Colen TP, *Clinical studies in scanning laser polarimetry*, Rotterdam 2003.
Reus NJ. *Assessing structure and function in glaucoma*, 2005
Vermeer, KA, *Computer-aided assessment of glaucoma in scanning laser polarimetry*, 2006
Mai T.A., *Structure, Function and Progression Analysis in Glaucoma; A Study with Scanning Laser Polarimetry*, Groningen 2008
Van Koolwijk, LME, *Genetic epidemiology of Glaucoma*, 2011
Van der Schoot, J, *The complexity of diagnosing and monitoring glaucoma*, 2017
Bryan, S, *Prediction of Visual Prognosis to Optimize Frequency of Perimetric Testing in Glaucoma*, 2017
Thepass, Expected 2018
Islamai, E, Expected 2019
Majoor, Expected 2020

Invited lectures

- 1994 Delft, The Netherlands
- 1994 Maastricht, The Netherlands

- 1995 Dordrecht, The Netherlands

- 1996 Chicago, USA
- 1996 Rotterdam, The Netherlands
- 1996 Nijmegen, The Netherlands
- 1996 Dordrecht, The Netherlands
- 1996 Oslo, Norway.

- 1997 Fort Worth, USA
- 1997 Barcelona, Spain
- 1997 Fort Lauderdale, USA
- 1997 Utrecht, The Netherlands
- 1997 Budapest, Hungary
- 1997 Noordwijk, The Netherlands
- 1997 Nijmegen, The Netherlands
- 1997 Breukelen, The Netherlands
- 1997 Bunnik, The Netherlands
- 1997 Copenhagen, Denmark
- 1997 Ahmedabad and Gandhinagar, India
- 1997 Dordrecht, The Netherlands
- 1997 Groningen, The Netherlands
- 1997 Zeist, The Netherlands
- 1997 Barcelona, Spain
- 1997 Leiden, The Netherlands
- 1997 Antwerp, Belgium
- 1997 Noordwijkerhout, The Netherlands

- 1998 Fort Lauderdale, USA
- 1998 Amsterdam, The Netherlands
- 1998 Jerusalem, Israel
- 1998 Bunnik, The Netherlands
- 1998 Papendrecht, The Netherlands
- 1998 Vienna, Austria

- 1999 Utrecht, The Netherlands
- 1999 Fort Lauderdale, USA
- 1999 Utrecht, The Netherlands
- 1999 Maastricht, The Netherlands
- 1999 Olten, Switzerland
- 1999 Lausanne, Switzerland
- 1999 Melbourne, Australia
- 1999 Bariloche, Argentina

2000 Fort Lauderdale, USA
2000 Utrecht, The Netherlands
2000 Rotterdam, The Netherlands
2000 Amsterdam, The Netherlands
2000 Schiedam, The Netherlands
2000 Den Bosch, The Netherlands

2001 Leuven, Belgium
2001 Rotterdam, The Netherlands
2001 Houten, The Netherlands
2001 Bern, Switzerland
2001 Gent, Belgium
2001 Amsterdam, The Netherlands

2002 Rotterdam, The Netherlands
2002 Groningen, The Netherlands
2002 Fort Lauderdale, USA
2002 Lucerne, Switzerland
2002 Kaatsheuvel, The Netherlands
2002 Visby, Sweden
2002 Barcelona, Spain
2002 Marrakech, Morocco

2003 Utrecht, The Netherlands
2003 Leiden, The Netherlands
2003 Kaatsheuvel, The Netherlands
2003 Barcelona, Spain
2003 Madrid, Spain
2003 Monte Carlo, Monaco
2003 San Diego, CA, USA

2004 Rome, Italy
2004 Nottingham, England
2004 Reggio Emilia, Italy
2004 Rotterdam, The Netherlands
2004 Florence, Italy
2004 Niigata, Japan

2005 Rome, Italy
2005 Kaatsheuvel, The Netherlands
2005 Vienna, Austria
2005 Berlin, Germany

2006 Affligem, Belgium
2006 Oxford, United Kingdom
2006 London, United Kingdom

2006 Las Vegas, USA
2006 Dresden, Germany

2007 London, UK
2007 Vienna, Austria
2007 Fort Lauderdale, USA
2007 Utrecht, The Netherlands
2007 Vienna, Austria
2007 Maastricht, The Netherlands
2007 Singapore
2007 Vienna, Austria
2007 Rotterdam, The Netherlands
2007 Leuven, Belgium

2008 Salzburg, Austria
2008 The Hague, The Netherlands
2008 Rotterdam, The Netherlands
2008 Berlin, Germany
2008 Lisbon, Portugal

2009 Amersfoort, The Netherlands
2009 Rotterdam, The Netherlands
2009 Cape Town, South-Africa
2009 Boston, USA
2009 Amsterdam, The Netherlands
2009 Sinaia, Romania
2009 Stockholm, Sweden

2010 Amersfoort, The Netherlands
2010 London, UK
2010 Sófok, Hungary
2010 Overveen, The Netherlands
2010 Lugano, Switzerland
2010 Cambridge, England
2010 Rotterdam, The Netherlands
2010 Madrid, Spain
2010 Zeist, The Netherlands
2010 Rotterdam, The Netherlands
2010 Leiden, The Netherlands
2010 Ascot, England

2011 Ede, The Netherlands
2011 Madrid, Spain
2011 Dublin, Ireland
2011 Leiden, The Netherlands
2011 Veenendaal, The Netherlands
2011 Geneva, Switzerland
2011 Barcelona, Spain
2011 Paris, France
2011 Utrecht, The Netherlands

2011 Malmö, Sweden
2011 Lugano, Switzerland
2011 Putten, The Netherlands
2011 Amsterdam, The Netherlands
2011 Veenendaal, The Netherlands
2011 Leiden, The Netherlands
2011 Utrecht, The Netherlands
2011 Dublin, Ireland

2012 Ede, The Netherlands
2012 The Hague, The Netherlands
2012 Utrecht, The Netherlands
2012 Copenhagen, Denmark
2012 Milan, Italy
2012 St Michielsgestel, The Netherlands
2012 Berlin, Germany
2012 Heerhugowaard, The Netherlands
2012 Rotterdam, The Netherlands
2012 Paramaribo, Surinam
2012 Amsterdam, The Netherlands

2013 Rotterdam, The Netherlands
2013 Amersfoort, The Netherlands
2013 Veenendaal, The Netherlands
2013 Rotterdam, The Netherlands
2013 Ohrid, Macedonia
2013 Homburg, Germany
2013 Seoul, Daejeon and Daegu, Korea
2013 Lugano, Switzerland
2013 Zeist, The Netherlands
2013 Utrecht, The Netherlands
2013 Rotterdam, The Netherlands

2014 Maastricht, The Netherlands
2014 Rotterdam, The Netherlands
2014 London, United Kingdom
2014 Chennai, India
2014 Santpoort, The Netherlands
2014 Mainz, Germany
2014 Rotterdam, The Netherlands
2014 Paramaribo, Suriname

2015 Hilversum, The Netherlands
2015 Groningen, The Netherlands
2015 Hong Kong, China
2015 Chennai, India
2015 Utrecht, The Netherlands

2015 Zeist, The Netherlands
2015 Eindhoven, The Netherlands
2015 Brussels, Belgium
2015 Rotterdam, The Netherlands
2015 Hilversum, The Netherlands

2016 Brussels, Belgium
2016 Hilversum, The Netherlands
2016 Paramaribo, Suriname
2016 Prague, Czech Republic
2016 Deventer, The Netherlands
2016 Hilversum, The Netherlands
2016 Surabaya, Indonesia
2016 Rotterdam, The Netherlands

2017 's Hertogenbosch, The Netherlands
2017 Genoa, Italy
2017 Leusden, The Netherlands
2017 Zwolle, The Netherlands
2017 Roskilde, Denmark
2017 Vught, The Netherlands
2017 Helsinki, Finland
2017 Amsterdam, Netherlands
2017 Lugano, Switzerland
2017 Utrecht, The Netherlands
2017 Eindhoven, The Netherlands
2017 Utrecht, The Netherlands

2018 Sittard, The Netherlands
2018 Mainz, Germany
2018 Groningen, The Netherlands
2018 Florence, Italy
2018 Oslo, Norway

Organised meetings (other than perimetry, OCT and stereoscopic optic disc courses)

- 1996 International Nerve Fiber Analyser users meeting, Rotterdam, The Netherlands.
- 1996 The Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 1998 The second Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 1998 The second International Nerve Fiber Analyser users meeting, Rotterdam, The Netherlands
- 1999 The third Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 1999 International workshop on imaging in glaucoma, Rotterdam, The Netherlands
- 2001 The fourth Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 2002 The first meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Rotterdam
- 2002 The fifth Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands.
- 2003 The sixth Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands.
- 2003 The second meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in London (organised together with Ted Garway-Heath)
- 2004 The seventh Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 2004 The third meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Rotterdam (organised together with Ted Garway-Heath)
- 2005 The eighth Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 2005 The fourth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Milan (organised together with Ted Garway-Heath and Stefano Miglior)
- 2006 The fifth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Mannheim, Germany (organised together with Ted Garway-Heath and Josef Bille)
- 2006 The ninth Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 2007 The tenth Rotterdam Glaucoma Symposium, Rotterdam, The Netherlands
- 2007 The sixth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Levi, Finland (organised together with Ted Garway-Heath, Juhani Airaksinen, Ville Saarela and Anja Tuulonen)
- 2008 The eleventh Rotterdam Glaucoma Symposium
- 2008 The seventh meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Rotterdam (organised together with Ted Garway-Heath)
- 2009 The twelfth Rotterdam Glaucoma Symposium
- 2009 The eighth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Leuven, Belgium (organised together with Thierry Zeyen and Ted Garway-Heath)
- 2010 The thirteenth Rotterdam Glaucoma Symposium
- 2010 The ninth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Rome, Italy (organised together with Francesco Oddone and Ted Garway-Heath)
- 2010 The Optic Nerve Evaluation (ONE) Programme, held in Ascot, UK, in November, 2010 (organised together with Pfizer).
- 2010 Educational meeting on structure and function of the eye SAFE (Stichting Anatomy and Function of the Eye) in Leiden, The Netherlands.
- 2011 The fourteenth Rotterdam Glaucoma Symposium

- 2011 The tenth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Barcelona, Spain (organised together with Alfonso Anton and Ted Garway-Heath)
- 2012 The fifteenth Rotterdam Glaucoma Symposium
- 2012 The eleventh meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Budapest, Hungary (organised together with Csilla Ajtony, Gábor Holló and Ted Garway-Heath)
- 2013 The twelfth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Vienna, Austria (organised together with Clemens Vass and Ted Garway-Heath)
- 2013 The sixteenth Rotterdam Glaucoma Symposium
- 2013 The Doctors' Hospital (towards a new structure of organising hospital care in The Netherlands).
- 2013 Optic nerve evaluation, a 3D course, held in Veenendaal and Rotterdam, The Netherlands
- 2014 The seventeenth Rotterdam Glaucoma Symposium
- 2014 The thirteenth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Dresden, Germany (organised together with Paul Artes and Ted Garway-Heath)
- 2015 The eighteenth Rotterdam Glaucoma Symposium
- 2015 The fourteenth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Canterbury, England (organised together with Adrian Podoleanu, George Dobre and Ted Garway-Heath)
- 2015 Masterclass glaucoma diagnostics (together with Thomas Colen), Rotterdam, The Netherlands.
- 2016 The fifteenth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Madrid, Spain (organised together with Juanjo Gómez Valverde and Ted Garway-Heath).
- 2016 Masterclass glaucoma diagnostics (together with Thomas Colen), Rotterdam, The Netherlands.
- 2017 The nineteenth Rotterdam Glaucoma Symposium
- 2017 The sixteenth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Rome, Italy (organised together with Francesco Oddone, Manuele Michelessi and Ted Garway-Heath)
- 2018 The twentieth Rotterdam Glaucoma Symposium
- 2018 The seventeenth meeting of the Imaging and Morphometry Association for Glaucoma in Europe (IMAGE), held in Barcelona (organised together with Alfonso Anton and Ted Garway-Heath; in preparation)

Ad hoc reviewer of following journals

Vision Research
British Journal of Ophthalmology
Investigative Ophthalmology and Visual Science
Ophthalmology
Strabismus
American Journal of Ophthalmology
International Ophthalmology
Eye
Graefe's Archive of Clinical and Experimental Ophthalmology
Acta Ophthalmologica
Neuro-ophthalmology
Acta Ophthalmologica Scandinavica
European Journal of Ophthalmology
Clinical and Experimental Ophthalmology
Journal of Glaucoma

Grants

Research grants (various)	€ 3,231,123.__.__
Educational (various)	€ 643,000.__
Scientific meeting sponsorship (IMAGE)	€ 135,000.—
Total	€ 3,995,123.—

Memberships

Association for Research in Vision and Ophthalmology (ARVO)
American Academy of Ophthalmology (AAO) (till 2008)
Dutch Ophthalmic Society (NOG)
Dutch Glaucoma Group
Dutch Glaucoma Society
Dutch Humphrey Perimeter Users Society
Stichting Anatomy and Function of the Eye (SAFE)
Rotary Club Rotterdam
IMAGE (Imaging and Morphometry Association for Glaucoma in Europe)
GlaucoGENE (Glaucoma Genetic Epidemiology Network in Europe)
European Glaucoma Society
South African Glaucoma Society (Honorary member)

Advisory Boards (unpaid)

Laser Diagnostic Technologies	2001-2004
Carl Zeiss Meditec Inc.	2005- 2013
Allergan	2005- 2007
Pfizer	2007 – 2011
Théa Pharma	2011 - date

Hobbies

Tennis, Golf, Skiing

Woodworking

Furniture design, plus manufacturing

Writing (prose, poetry, song lyrics)

Writing and performing revue shows

Philosophy

Music making: clarinet, vocals

Foreign language courses: French, Italian, Norwegian, Portuguese, Mandarin, Spanish

Language skills

Dutch	native speaker
English	level C2
French	level C1
German	level A2
Norwegian	level A1
Italian	level C1

(levels according to Common European Framework of Reference of Languages)