

## Curriculum Vitae

**Univ.-Prof. Dr.-Ing. Ingo Neumann**  
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### Personal information

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| Date of birth  | December 15 <sup>th</sup> , 1977 |
| Place of birth | Thedinghausen (Germany)          |
| Gender         | male                             |
| Citizenship    | German                           |

### Tertiary education

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| University of Applied Science - Oldenburg  | 03/1999-08/2000                |
| Leibniz Universität Hannover   | 09/2000-03/2005                |
| Degree: Dipl.-Ing. Geodesy and Geoinformatics  | March 23 <sup>rd</sup> , 2005  |
| Overall grade: „with distinction“  |                                |
| Diploma thesis: Extension of the program system<br>CONTROL for the monitoring and analysis of 3d point<br>clouds | August 24 <sup>th</sup> , 2004 |
| Dissertation: Analysis of an extended uncertainty<br>budget in parameter estimation and hypothesis testing       | May 15 <sup>th</sup> , 2009    |
| Overall grade: „with distinction“  |                                |

### Professional experience

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| Research assistant at the Geodetic Institute of the<br>Leibniz Universität Hannover                                    | 04/2005-03/2009  |
| Stay abroad at the University of Texas at El Paso (USA)<br>Department of Computer Science<br>(Prof. Vladik Kreinovich) | 02/2008-03/2008  |
| Head of the Geodetic Laboratory at the University FAF<br>Munich  | 04/ 2009-08/2012 |
| Full professor for „Engineering Geodesy and Geodetic<br>data Analysis“ at the Leibniz Universität Hannover             | since 09/2012    |
| Head of the Geodetic Institute<br>at the Leibniz Universität Hannover  | since 10/2015    |

**Skills and selective activities**

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- Lectures and supervision**
- Plenty of lectures and exercises in the field of engineering geodesy and geodetic data analysis
  - Supervision of approx. 90 theses (PhDs, Diploma, B.Sc., M.Sc.,...)
  - Currently supervision of approx. 15 PhD students
- Membership in commissions and organizations**
- Member of the German Geodetic Commission (DGK, Section Engineering Geodesy)
  - German Society of Surveying (AK 4, Head of the working group engineering geodesy and measurement techniques)
  - Member of the „Society for Calibration of Geodetic Devices“
  - German Institute of Standardization (DIN, NA 005-03-04 AA "Geodetic devices")
  - German delegate in the ISO/TC 172/SC 6 „Geodetic and surveying instruments“
- Selective academic and scientific activities**
- Organization of workshops in the field of
    - o Terrestrial laser scanning
    - o Quality models and control
    - o Geo-Monitoring
  - Two patents in the field of terrestrial laserscanning
  - About 180 papers in the field of engineering geodesy and geodetic data analysis
- Reviewer (selection)**
- Journal of Geodesy
  - Journal of Reliability and Safety
  - AVN
  - Sensors
  - ZfV
  - Journal of Geodynamics
  - IEEE International Conference on Indoor Positioning and Indoor Navigation (IPIN)
  - Additionally many proceedings
- Foreign languages**
- English (excellent)
  - French (basic knowledge)

**Academic honors (selection)**

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- Prize for excellent studies from the University of Hannover (12.03.2003).
- Scholarship for excellent scientific work from the Victor-Rizkallah-Foundation (14.10.2005).
- NSF-Fellowship for the 2<sup>nd</sup> and 3<sup>rd</sup> NSF-Workshop on Reliable Engineering Computing. Savannah (Georgia), USA (22.-24.02.2006 and 20.-22.02.2008).
- Invitation as guest researcher from the University of Texas at El Paso (USA, Department of Computer Science) Prof. V. Kreinovich (28.06.2006, stay abroad in 02/03 2008)
- Best poster award at the International Course of Engineering Geodesy (26.02.2010).

Hannover, April 13<sup>th</sup>, 2019

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