# DI Michael Kammer

*Curriculum vitae*

| Nationality | Austria |
|---|---|
| Date of birth | 21st August 1987 |

## Higher education

**2005 – 2011**

**Studies of Technical Mathematics**, Technical University, Vienna.

- Focus "Mathematics in Computer Science"
- Diplomathesis "Applications of the Kernel Method" (Combinatorics)
- Final degree: Diplom Ingenieur (DI; equivalent to Master of Science)

**since 2014**

**PhD program "Medical Informatics, Biostatistics & Complex Systems"**, Medical University, Vienna.

- Focus on variable selection for regression models with complex data structures

## Work experience

**2009 – 2011**

**Tutor for "Mathematics for Computer Science"**, Technical University, Vienna.

- Responsibility for a group of students
- Lecturing on course material and rating of exams

**2011 – 2013**

**Freelancer**, Austrian Institute of Technology – Department for Transportation Infrastructure Technology, Vienna.

- Design of studies for collection of various types of data (road conditions, driving dynamics, questionnaires)
- Collection of data and subsequent processing
- Visualisation and statistical / machine learning analysis of measured data
- Creation of internal reports and scientific publications

**since 2013**  **Research associate**, Medical University – Division of Nephrology and Dialysis & Section for Clinical Biometrics, Vienna.

- Collaborations with medical researchers from the general public hospital of Vienna
- Statistical consultation for and analysis of clinical studies
- Visualisation and statistical analysis of medical data
- Creation of scientific publications

## Software experience

### Programming

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| Excellent | **Python, Matlab, R, Git** | *Multiple years of work experience* |
| Basic | **C, Java, MySQL, PHP** | *Education at university* |
| | **Perl, C++, J, Javascript** | *Self-study* |

### Other

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|---|---|---|
| Statistics | **SAS, SPSS** | |
| OS | **Microsoft Windows, Unix** | |
| Office | **Microsoft Office, OpenOffice/LibreOffice, LaTeX, Endnote** | |
| Graphic design | **Blender, Inkscape, Adobe Photoshop** | *Multiple years of experience* |

## Languages

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|---|---|---|
| First | **German** | |
| Excellent | **English** | *Fluent written and spoken* |
| Basic | **French** | *5 years of school education* |
| | **Spanish** | *3 years of school education* |
| | **Japanese** | *1 year of language courses* |

## Awards

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|---|---|---|
| October 2019 | **Förderungspreis** | *Austrian Society of Nephrology* |
| June 2016 | **Best poster presentation** | *PhD Symposium of the Medical University of Vienna* |

**Kammer**, **M.**, *Heinzel, A.*, Willency, J. A. et al.: *Integrative analysis of prognostic biomarkers derived from multiomics panels helps discrimination of chronic kidney disease trajectories in people with type 2 diabetes*. Kidney International, 2019.

*Heinzel, A.*, **Kammer**, **M.**, Mayer, G. et al.: *Validation of plasma biomarker candidates for the prediction of egfr decline in patients with type 2 diabetes*. Diabetes Care, 41(9):1947–1954, 2018.

*Eder*, *M.*, *Schwarz*, *C.*, **Kammer**, **M.** et al.: *Allograft and patient survival after sequential hsct and kidney transplantation from the same donor—a multicenter analysis*. American Journal of Transplantation, 19(2):475–487, 2019.

*Haller*, *M. C.*, **Kammer**, **M.**, Kainz, A. et al.: *Steroid withdrawal after renal transplantation: a retrospective cohort study*. BMC Medicine, 15(1):8, 2017.

*Kyrle*, *P. A.*, **Kammer**, **M.**, Eischer, L. et al.: *The long-term recurrence risk of patients with unprovoked venous thromboembolism: an observational cohort study*. Journal of Thrombosis and Haemostasis, 2016.

*Nitsche*, *P.*, Stütz, R., **Kammer**, **M.** et al.: *Comparison of machine learning methods for evaluating pavement roughness based on vehicle response*. Journal of Computing in Civil Engineering, 28(4), 2014.

*Vienna, November 2019*                                                                 Michael Kammer