

**Name:** Drago Plečko  
**Mobile:** +385958402806  
**Email:** [www.plecko@gmail.com](mailto:www.plecko@gmail.com)

## EDUCATION

### **BMath in Mathematics (2014-2017)**

Queens' College, University of Cambridge  
First class honours - Rank 45 (top 20%)

### **MMath in Mathematics (2017-2018)**

Queens' College, University of Cambridge  
Graduated with a Distinction

### **PhD in Statistics (2018-2022)**

Department of Mathematics, ETH Zürich  
Supervised by Nicolai Meinshausen

### **Research Staff Associate (2021-2022)**

Department of Computer Science, Columbia University  
Supervised by Elias Bareinboim

## AWARDS AND HONOURS

- **International olympiad on Astronomy and Astrophysics (IOAA)** – Bronze (2013)

## EXPERIENCE

### Research experience

- **Summer research in the Department of Mathematics, University of Cambridge (2017)**
  - Introduction to machine learning in medical settings, supervised by Professor John Aston (Statslab)
- **Research assistant - Department of Medicine, University of Cambridge (2017-2018)**
  - Working on various problems in optimisation and predictive machine learning related to patients suffering from cystic fibrosis, head of laboratory Professor Andres Floto
  - Collaboration with Dr John Winn from Microsoft Research Cambridge

### Teaching

- **Optimisation & Control course supervisor (2017-2018)**
  - Supervising a course lectured in Part II of the Mathematical Tripos at the University of Cambridge

## PUBLICATIONS

1. Plečko, D. and Meinshausen, N., 2020. Fair data adaptation with quantile preservation. *Journal of Machine Learning Research*, 21(242), pp.1-44.
2. Bennett, N., Plečko, D., Ukor, I.F., Meinshausen, N. and Bühlmann, P., 2021. ricu: R's Interface to

Intensive Care Data. *arXiv preprint arXiv:2108.00796*. (under review in Journal of Statistical Software, submission JSS 4440)

3. Plečko, D., Bennett, N., Mårtensson, J. and Bellomo, R., 2021. The obesity paradox and hypoglycemia in critically ill patients. *Critical Care*, 25(1), pp.1-15.
4. Plečko, D., Bennett, N., Mårtensson, J., Dam, T.A., Entjes, R., Rettig, T.C., Dongelmans, D.A., Boelens, A.D., Rigter, S., Hendriks, S.H. and de Jong, R., 2021. Rapid evaluation of Coronavirus Illness Severity (RECOILS) in intensive care: Development and validation of a prognostic tool for in-hospital mortality. *Acta Anaesthesiologica Scandinavica*.
5. Moor, M., Bennet, N., Plecko, D., Horn, M., Rieck, B., Meinshausen, N., Bühlmann, P. and Borgwardt, K., 2021. Predicting sepsis in multi-site, multi-national intensive care cohorts using deep learning. *arXiv preprint arXiv:2107.05230*. (under review in Lancet Digital Health).
6. Plečko, D., Bennett, N. and Meinshausen, N., 2021. fairadapt: Causal Reasoning for Fair Data Pre-processing. *arXiv preprint arXiv:2110.10200*. (under review in Journal of Statistical Software)