

Abstract template for RMMM 2022

First Author¹, Second Author², and Third Author²

¹*Department, University, Country*

²*Another department, Another university, Another country*

This is the abstract template for all contributed talks to be submitted to the 10th edition of the conference on *Reliable Methods of Mathematical Modeling (RMMM 2022)*, which will take place on February 8-10, 2022 in Lausanne.

Please prepare your abstract following this template, save it as `rmmm2022-surname.tex`, where `surname` should be replaced by the surname of the presenting author, and send it to the organizers per email at `rmmm2022@epfl.ch` by **December 12, 2021**.

Each abstract should not exceed one page. Please do not alter the layout of the document (e.g., margins, fonts, ...), avoid personal macros, and ensure that the presenting author is underlined (if there is more than one author).

Figures with captions and a bibliography can be included if needed (see below). For the bibliography, please use journal abbreviations from MathSciNet (see, e.g., here) and include DOIs whenever available.

For internal references (e.g., to figures or to bibliography items), please use identifiers of the form `\label{surname:figID}` or `\bibitem{surname:refID}`, where `surname` should be replaced by the surname of the presenting author. Figure 1 shows the conference venue. References [1, 2, 3] provide illustrative example references (a preprint, a book, and a published article, respectively). Thank you for submitting your abstract to RMMM 2022!



Figure 1: Conference venue.

References

- [1] A. Bespalov, D. Praetorius, L. Rocchi, and M. Ruggeri, *Convergence of adaptive stochastic Galerkin FEM*, arXiv:1811.09462, 2018.
- [2] D. Boffi, F. Brezzi, and M. Fortin, *Mixed finite element methods and applications*, Springer Series in Computational Mathematics 44, 2013. DOI:10.1007/978-3-642-36519-5
- [3] G. Gantner, D. Haberlik, and D. Praetorius, *Adaptive IGAFEM with optimal convergence rates: Hierarchical B-splines*, Math. Models Methods Appl. Sci. 27(14):2631–2674, 2017. DOI:10.1142/S0218202517500543