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TECHNISCHE  
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Institute of  
Science and  
Technology  
Austria



Taming Complexity in  
Partial Differential Systems



Austrian  
Science Fund

## Vienna PDE Afternoon

04.12.2024 from 14:00 to 16:00

TU Wien, Wiedner Hauptstraße 8, Vienna

green area, second floor, seminar room DA 02 A (room number: DA02E08)

and online on Zoom

From 14:00 to 14:45:

**Rima Alaifari** (ETH Zurich, Switzerland)

*Operator learning for solving PDEs and nonparametric regression*

Abstract: <https://sfb65.univie.ac.at/s/oy/>

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From 15:00 to 15:30:

**Peter Hirvonen** (TU Wien)

*A Poisson-Nernst-Planck Cross-Diffusion System with Steric Effects*

Abstract: <https://sfb65.univie.ac.at/s/oz/>

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From 15:30 to 16:00:

**Alexander Freiszlinger** (TU Wien)

*Convergence of adaptive boundary element methods driven by functional a posteriori error estimators*

Abstract: <https://sfb65.univie.ac.at/s/pa/>

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The seminars take place in hybrid form (in person and also on Zoom). The Zoom link is sent per email through the SFB Newsletter (normally sent either on Friday or during the weekend). You can subscribe to this newsletter at <https://sfb65.univie.ac.at/#!/public/news/newsletter/subscribe/>

Alternatively, if you are interested only in a given seminar, you could request a Zoom link by writing an email to [matteo.tommasini@univie.ac.at](mailto:matteo.tommasini@univie.ac.at) (please write your request from an institutional email address, so that we can minimize the risk of Zoombombing).