

## VORTRÄGE

**15.45 Uhr: Kaffeejause**

**16.15 Uhr: Vortrag**

Mittwoch, 15. Juni 2022 16:15 bis 17:00

SKY LOUNGE, 12. OG, OMP 1

**Navigating the molecular map of life**

**Jörg Menche (Universität Wien)**

**Mathematisches Kolloquium**

Org.: R. I. Boț

[https://mathematik.univie.ac.at/fileadmin/user\\_upload/f\\_mathematik/Events\\_News/Vortraege\\_Events/2021\\_22/Einladung\\_Antrittsvorlesung\\_Menche.pdf](https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Events_News/Vortraege_Events/2021_22/Einladung_Antrittsvorlesung_Menche.pdf)

<https://mathematik.univie.ac.at/eventsnews/mathematisches-kolloquium/>

**Abstract:**

*Technological breakthroughs like genome sequencing have revolutionized our ability to investigate the molecular basis of life. Having identified all the molecular building blocks, the next frontier is now to understand how exactly they work together. In recent years, increasingly detailed maps of the molecular interactions that underlie all biological processes have become available. Network theory provides tools and concepts for reading these maps. In my presentation I will introduce the core ideas of network theory and highlight a number of applications in biology and medicine.*

Montag, 13. Juni 2022 09:15 bis Freitag, 17. Juni 2022 15:30

ESI, BOLTZMANN LECTURE HALL, BOLTZMANNGASSE 9/2, 1090 WIEN

**Thematic Programme “Computational Uncertainty Quantification: Mathematical Foundations, Methodology & Data”**

**UQ in kinetic and transport equations and in high-frequency wave propagation**

**Workshop 5**

Org.: L. Borcea (U of Michigan), G. Dimarco (U of Ferrara), C. Heitzinger (TU Vienna), S. Jin (Shanghai Jiao Tong U), R. Scheichl (U of Heidelberg), E. Spence (U of Bath)

[https://mathematik.univie.ac.at/fileadmin/user\\_upload/f\\_mathematik/Events\\_News/Vortraege\\_Events/2021\\_22/schedule-HSW22-WS5.pdf](https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Events_News/Vortraege_Events/2021_22/schedule-HSW22-WS5.pdf)

<https://www.esi.ac.at/events/e426/>

Montag, 13. Juni 2022 15:00 bis 16:30

**On optimal L2-approximation with function values**

**Mario Ullrich (JKU Linz)**

**Vortrag**

[https://mathematik.univie.ac.at/fileadmin/user\\_upload/p\\_nuhag/events/Ullrich\\_abstract.pdf](https://mathematik.univie.ac.at/fileadmin/user_upload/p_nuhag/events/Ullrich_abstract.pdf)

<https://univiennea.zoom.us/j/69300051545?pwd=WENsSnpuSlRMTdpWlFyRnUrUHp1dz09>

<https://mathematik.univie.ac.at/eventsnews/nachrichtenvolldarstellung/news/on-optimal-l2-approximation-with-function-values>

Montag, 13. Juni 2022 15:30 bis 17:00

ESI, SCHRÖDINGER HS, BOLTZMANNGASSE 9, 1090 VIENNA

**On T-dualities in Non-relativistic String Theory**

**Julian Kupka (Defensio)**

**MCMP Seminar**

Org.: MCMP Seminar

Dienstag, 14. Juni 2022 13:15 bis 14:45

SR 10, 2. OG., OMP 1

**Towards a theta correspondence in families for type II dual pairs**

**Justin Trias (Imperial)**

**Seminar "Representation Theory and Automorphic Forms"**

Org.: H. Grobner, A. Minguez-Espallargas, A. Mellit

Dienstag, 14. Juni 2022 14:00 bis 15:00

TU WIEN, SEMINARRAUM DA GRÜN 05, WIEDNER HAUPTSTRASSE 8, 1040 WIEN UND ZOOM MEETIN

**Holography for Flatspace: The Carroll Perspective**

**Arjun Bagchi (IIT Kanpur)**

**Joint Theory Seminar**

Org.: TU Wien und Mathematische Physik

Dienstag, 14. Juni 2022 15:00 bis 17:00

SR 10, 2. OG., OMP 1

**Critical regularity of one-manifold actions by right-angled Artin groups and mapping class groups**

**Sang-hyun Kim (KIAS)**

**Geometry and Analysis on Groups Seminar**

Org.: G. Arzhantseva, Ch. Cashen, Y. Lodha

[https://mathematik.univie.ac.at/forschung/seminare/geometry-and-analysis-on-groups-research-seminar/?no\\_cache=1](https://mathematik.univie.ac.at/forschung/seminare/geometry-and-analysis-on-groups-research-seminar/?no_cache=1)

<https://univiennea.zoom.us/j/61386912732>

Dienstag, 14. Juni 2022 15:00 bis 16:30

SR 10, 1. STOCK, KOLING. 14-16, 1090 WIEN SR 10, 1. STOCK, KOLING. 14-16, 1090 WIEN

**Another look at bounded forcing axioms**

**G. Fuchs (CUNY, US)**

**KGRC SE**

Org.: KGRC

Dienstag, 14. Juni 2022 15:15 bis 16:15

TU WIEN, DISSERTANTENRAUM, FREIHAUS, TURM A, 8. OG., WIEDNER HAUPTSTR. 8-10, 1040 WIEN

**Plethystic formulas for permutation enumeration**

**Raphael Edlinger (Universität Wien)**

**AG Diskrete Mathematik**

Org.: M. Drmota

Dienstag, 14. Juni 2022 16:15 bis 17:15

FAKULTÄT FÜR PHYSIK, ERWIN SCHRÖDINGER-HÖRSAAL, BOLTZMANNG. 5, 5. ST., 1090 WIEN UND ZOOM

**Top mass calibration for Monte-Carlo event generators**

**Oliver Jin (Universität Wien)**

**Vortrag**

Org.: Teilchenphysik

Mittwoch, 15. Juni 2022 14:00 bis 14:30

TU WIEN (GUSSHAUSSTRASSE 25-27, 2. STOCK, EI4 REITHOFFER HS) UND ZO

**Quasistatic evolution for a visco-elastic system**

**Andrea Chiesa (University of Vienna)**

**PDE Afternoon**

Org.: SFB 65, DK

[https://mathematik.univie.ac.at/fileadmin/user\\_upload/f\\_mathematik/Events\\_News/Vortraege\\_Events/2021\\_22/pde\\_afternoon\\_2022-06-15.pdf](https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Events_News/Vortraege_Events/2021_22/pde_afternoon_2022-06-15.pdf)

<https://sfb65.univie.ac.at/#!/public/events/details/?type=1&id=677>

Mittwoch, 15. Juni 2022 14:30 bis 15:00

TU WIEN (GUSSHAUSSTRASSE 25-27, 2. STOCK, EI4 REITHOFFER HS) UND ZO

**Bicausal Optimal Transport and the Knothe-Rosenblatt coupling**

**Daniel Toneian (University of Vienna)**

**PDE Afternoon**

Org.: SFB 65, DK

[https://mathematik.univie.ac.at/fileadmin/user\\_upload/f\\_mathematik/Events\\_News/Vortraege\\_Events/2021\\_22/pde\\_afternoon\\_2022-06-15.pdf](https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Events_News/Vortraege_Events/2021_22/pde_afternoon_2022-06-15.pdf)

<https://sfb65.univie.ac.at/#!/public/events/details/?type=1&id=679>

Mittwoch, 15. Juni 2022 15:15 bis 16:00

TU WIEN (GUSSHAUSSTRASSE 25-27, 2. STOCK, EI4 REITHOFFER HS) UND ZO

**An asymptotic preserving scheme for a concentration phenomenon in a Lotka-Volterra type parabolic PDE**

**Havva Yoldaş (University of Vienna)**

**PDE Afternoon**

Org.: SFB 65, DK

[https://mathematik.univie.ac.at/fileadmin/user\\_upload/f\\_mathematik/Events\\_News/Vortraege\\_Events/2021\\_22/pde\\_afternoon\\_2022-06-15.pdf](https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Events_News/Vortraege_Events/2021_22/pde_afternoon_2022-06-15.pdf)

<https://sfb65.univie.ac.at/#!/public/events/details/?type=1&id=675>