

VORTRÄGE

15:45 Kaffeepause

Mittwoch, 25. April 2018 16:15 bis 17:15, Sky Lounge, 12. OG, OMP 1

Mathematisches Kolloquium: Jiri Podolsky (University of Prague): "Gravitational waves: 2017 Nobel Prize in Physics"

Org: Fakultät für Mathematik, Dekan Christian Krattenthaler, R. Steinbauer

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/20180425JiriPodolsky_JK-1.pdf

On September 14, 2015, two advanced LIGO interferometers in America detected a signal denoted as GW150914. For the first time in the history of physics and astronomy, gravitational waves were observed. The theoretical existence of such waves was predicted 100 years ago by Albert Einstein as a unique consequence of his (newly born) dynamical gravity theory, general relativity. Quite surprisingly, the signal GW150914 was so loud that it could be, without any doubts, interpreted as a result of collision and merge of two massive black holes that happened about one billion years ago in a deep space. In the colloquium we will describe this landmark event and construction of the sophisticated LIGO detectors, for which the 2017 Nobel Prize was awarded to Reiner Weiss, Barry Barish and Kip Thorne. Some other historical relations will be mentioned, as well as further gravitational waves found since the first discovery. We will also briefly look into the near future of this new field of gravitational-wave and multi-messenger astronomy.

Im Anschluß vinum cumpane

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Junior Kolloquium: Jiri Podolsky (University of Prague): "Gravitational waves: 2017 Nobel Prize in Physics "

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Montag, 23. April 2018 11:00 bis Freitag, 27. April 2018 12:00, ESI, Boltzmann Lecture Hall, Boltzmannngasse 9/2,1090 Wien

Programme Quantum Paths: "Non-equilibrium dynamics"

Org: P. Calabrese (SISSA, Trieste), F. H. L. Essler (Oxford U), G. Mussardo (SISSA, Trieste), J. Schmiedmayer (TU Wien), G. Sierra (IFT Madrid), F. Verstraete (U Vienna)

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/MSC_week3.pdf

Montag, 23. April 2018 14:00 bis 15:00, ESI, Boltzmann Lecture Hall, Boltzmannngasse 9/2,1090 Wien

ESI-Seminar: Giuseppe Mussardo (SISSA, Trieste): "The Generalised Riemann Hypothesis"

Org: C. Dellago

https://mathematik.univie.ac.at/fileadmin/user_upload/f_mathematik/Vortraege/2017_18/Mussardo.pdf

Dienstag, 24. April 2018 09:00 bis 11:00, WPI Seminarraum 08.135, OMP 1

Minicourse: Gaspard Jankowiak (TU Wien): "Introduction to HTML - Jekyll"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=5&id=32>

Dienstag, 24. April 2018 15:00 bis 17:00, SR 10, 2. OG., OMP 1
Geometry and Analysis on Groups Research SE: Ruth Charney: "A geometric approach to Artin groups"

Org: G. Arzhantseva, Ch. Cashen

<http://www.mat.univie.ac.at/~gagt/abstracts/180424.html>

Dienstag, 24. April 2018 15:00 bis 15:45, HS 11, 2. OG, OMP 1
PDE-Afternoon: Bao Quoc Tang (Univ. Graz): "Convergence to equilibrium for complex balanced chemical reaction systems"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=105>

Dienstag, 24. April 2018 15:00 bis 16:00, BZ 9, 9.OG, OMP1
Seminar Series: Arbeitsgemeinschaft Biomathematik: Ilse Höllinger (Uni Wien): "Polygenic adaptation: from sweeps to subtle frequency shifts"

Org: J. Hermisson, R. Bürger

<http://homepage.univie.ac.at/Reinhard.Buerger/AGBio.html>

Dienstag, 24. April 2018 15:15 bis 16:45, Dissertantenraum, Freihaus, Turm A, 8. OG., Wiedner Hauptstr. 8-10, 1040 Wien
AG Diskrete Mathematik: Manjil Saikia: "Refined Enumeration of Alternating Sign Matrices"
Org: Ch. Krattenthaler

<http://dmg.tuwien.ac.at/nfn/agdm.html>

Dienstag, 24. April 2018 16:00 bis 16:30, HS 11, 2. OG, OMP 1
PDE-Afternoon: David Melching (Univ. Wien): "Damage model for plastic materials at finite strains"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=106>

Dienstag, 24. April 2018 16:30 bis 17:00, HS 11, 2. OG, OMP 1
PDE Afternoon: Maximilian Bernkopf (TU Wien): "Analysis of the hp-version of a first order system least squares method for the Helmholtz equation"

Org: SFB, DK

<https://www.univie.ac.at/sfb65/public/events/details/?type=1&id=107>

Mittwoch, 25. April 2018 11:00 bis 12:20, SR 10, 2. OG., OMP 1
NuHAG seminar: Roland Donninger (University of Vienna): "Fourier analysis, Strichartz estimates, and dispersive PDE"

Org: KH. Gröchenig

https://www.univie.ac.at/nuhag-php/program/talks_details.php?id=3449

Donnerstag, 26. April 2018 16:00 bis 18:00, KGRC, lecture room, Währinger Str. 25, 1090 Wien
KGRC SE: Filippo Calderoni (Univ. di Torino, Italy and Politecnico di Torino): "The bi-embeddability relation for countable abelian groups"

Org: KGRC

http://www.logic.univie.ac.at/2018/Talk_04-26_a.html

Donnerstag, 26. April 2018 16:30 bis 18:00, Seminarraum DC Roter Bereich, 7. OG, TU Wien, Freihaus, Wiedner Hauptstraße. 8, 1040 Wien

Vienna Seminar in Mathematical Finance and Probability: Claudio Fontana (Paris Diderot University (Paris VII), FR): "The Value of Informational Arbitrage"

<https://fam.tuwien.ac.at/events/vs-mfp/>