VORTRÄGE

15:45 Uhr Kaffeejause

Dienstag,6. Dezember 2016 von 16:15 Uhr bis 17:00 Uhr, Sky Lounge, OMP 1
Mathematisches Kolloquium: **Johnathan Lenells (Royal Inst. of Technology, StockholmUni. Wien):"The Wavemaker Problem"**

I will discuss the problem of determining the wave profile generated by a periodically moving wavemaker mounted at one end of a wave tank. Mathematically, the problem can be expressed as a boundary value problem for a nonlinear integrable equation with time-periodic forcing. I will present a new technique for analyzing problems of this type and describe how it can be used to at least partially answer some questions raised by experiments 35 years ago.

im Anschluss vinum cum pane

A.Constatnin, Ch. Krattenthaler

15:45 Uhr Kaffeejause

Mittwoch, 7. Dezember 2016 von 16:15 Uhr bis 17:00 Uhr, Sky Lounge, OMP 1
Mathematisches Kolloquium: **Kathrin Bringmann (Uni. Köln):" Petersson regularized inner products"**

In my talk I describe how to put a Hilbert space structure on the space of meromorphic modular forms. Modular forms are functions in the complex upper half plane which have many nice symmetries. As applications, we extend work of Duke, Imamoglu and Torth on regularized inner products of modular forms of weights 0 and 3/2 with poles, motivate certain operators for modular forms and write specializations of Greens functions (which are of importance for geometry) as inner product.

im Anschluss vinum cum pane

M. Eichmair, Ch. Krattenthaler

Dienstag, 6. Dezember 2016, von 15:00 Uhr bis 16:00 Uhr, SR Biomathematik, 9. OG., OMP 1
AG Biomathematik: Simon Morelli (Univ. Wien): "Cooperation in the repeated Prisoner's Dilemma"
org. by J. Hermisson, R. Bürger
http://homepage.univie.ac.at/Reinhard.Buerger/AGBio.html

Dienstag, 6. Dezember 2016, von 15:15 Uhr bis 16:45 Uhr, TU Dissertantenraum, Freihaus, Turm A, 8. OG., Wiedner Hauptstraße 8-10, 1040 Wien
AG Diskrete Mathematik Seminar: Cesar Caballos (Univ. Wien):"v-Tamari lattices via subword complexes"
org. by M. Drmota
http://dmg.tuwien.ac.at/nfn/agdm.html

Dienstag, 6. Dezember 2016, von 16:30 Uhr bis 18:00 Uhr, SR DA grün 06A (TU Wien), Freihaus, Wiedner Hauptstr. 8, 1040 Wien
Vienna Seminar in Mathematical Finance and Probability: Kais Hamza Monash Univ. Australia): Alternative models in Finance"
https://fam.tuwien.ac.at/events/vs-mfp/

Freitag, 9. Dezember 2016 von 11:00 bis 12:00 Uhr, BZ 3, 3. OG., OMP 1
Vortrag: Walker Stern (Uni. Bonn):"Structured 2d Topological Field Theories"
org. by N. Carqueville

Freitag, 9. Dezember, 29. November 2016 von 14:15 bis 15:15 Uhr, Sky Lounge, OMP 1,
Vortrag: **Tian An Wong (CUNY/MPIM):"Eisenstein coycles and values of L-functions in imaginary quadratic extensions"**
org. by H. Grobner

Freitag, 9. Dezember 2016 ab 14:00 15 Uhr, SR 11, 2. OG., OMP 1
Vortrag: Michael Kapovich (UC Davis):"Fundamental groups of complex projective varieties"
org. by L. Katzarkov