Tuesday 20	
08:30 – 09:30	Registration
09:30 – 10:00	Opening
10:00 – 11:00	Ludwig (pr)
11:00 – 11:30	Coffee break
11.30 – 13:30	**A(n) C(c) F(ps) G(pr)**
13:30 – 15:30	L U N C H
15:30 – 17:30	**A(n) C(c) F(ps) L(pr)**

	Wednesday 21	Thursday 22	Friday 23
09:30 – 10:30	Koucký (pr)	Remesíková (pr)	Miklavic (pr)
10:30 – 11:00	C o f f e e b r e a k and P o s t e r S e s s i o n		
11:00 – 13:00	**C(c) F(ps) G(pr) L(n)**	**A(n) C(c) D(ps) L(pr)**	**D(ps) G(pr) I(c)**
13:00 – 15:00	L U N C H		
15:00 – 16:00	Fagella (pr)	Aistleitner (pr)	
16:00 – 16:30	C o f f e e b r e a k		
16:30 – 18:30	**A(n) D(ps) G(pr)**	**D(ps) I(c) L(pr) ct(n)**	

18:00—20:00	Welcome wine

20:00 – 22:00	**Social Dinner**

Legend

Session	
F	Finance
A	Algebra & Cat.
D	Diff. Geometry
I	Image processing
G	Graphs & combin.
L	Low dim
C	Complex analysis
ct	Contributed Talks

Rooms		
c	Pere i Joan Coromines	Ground floor
n	Nicolau d'Olwer	Ground floor
pr	Prat de la Riba	First floor
ps	Pi i Sunyer	Ground floor

	Tuesday 20			
08:30 – 09:30	Registration			
09:30 – 10:00	Opening			
10:00 – 11:00	**Ludwig:** Geometric Classification **(Prat de la Riba)**			
11:00 – 11:30	Coffee break			
11:30 – 13:30	**A (Nicolau)**	**C (Coromines)**	**F (Pi i Sunyer)**	**G (Prat de la Riba)**
	11:30-12:10 **Mike Prest** *Spectra of definable additive categories*	11:30-12:15 **Carme Cascante** *Pointwise multipliers for Hardy-Sobolev spaces*	11:30-11:50 **Stefano De Marco** *Asymptotics and calibration for American options*	11:30-12:00 **Michal Drmota** *Subgraph Statistics in Subcritical Graph Classes*
	12:15-12:35 **Amit Kuber** *Taxotopy: Ordered homotopy with adjunctions*	12:15-13:00 **Francine Meylan** *Chern-Moser Theory in higher codimension*	11:50-12:10 **J. Manuel Corcuera** *CoCos under-short term uncertainty*	12:00-12:30 **Josef Siran** *Enumeration of orientably-regular maps on twisted linear fractional groups*
	12:40-13:00 **Pavel Příhoda** *Trace ideal of a pure projective module*	13:00-13:30 **Franz Berger** *Essential spectrum of the complex Laplacian on product manifolds*	12:15-12:35 **Zorana Grbac** *Lévy forward price approach for multiple yield curves and low/ negative interest rates*	12:30-13:00 **Bernard Gittenberger** *Asymptotic enumeration of unary-binary tree-like structures with restrictions on the unary height*
	13:05-13:25 **Imma Gálvez** *Möbius inversion and bialgebras from decomposition spaces*		12:35-12:55 **Christian Bayer** *Pricing under rough volatility*	13:00-13:30 **Jiří Sgall** *General Caching Is Hard: Even with Small Pages*
			13:00-13:30 **Robert Stelzer** *Geometric Ergodicity of the Multivariate Continuous-time* GARCH(1,1) Process	
13:30 – 15:30	L U N C H			
15:30 – 17:30	**A (Nicolau)**	**C (Coromines)**	**F (Pi i Sunyer)**	**L (Prat de la Riba)**
	15:30-16:10 **Joana Cirici** *Homotopy theory of derived A_∞-algebras*	15:30-16:15 **Friedrich Haslinger** *On some spectral properties of the ∂-Neumann operator*	15:30-15:50 **Josep Vives** *Calibration of stochastic volatility models via second order approximation*	15:30-15:50 **Lluís Alsedà** *Complexity and Simplicity in the dynamics of Totally Transitive graph maps*
	16:15-16:35 **Wolfgang Pitsch** *Relative resolutions via truncations*	16:15-17:00 **Michael Reiter** *The Local Rigidity Problem for Holomorphic Mappings of Real Submanifolds*	15:50-16:10 **Elisa Alòs** *On the link between the implied volatility skew and the Malliavin derivative operator*	16:00-16:20 **Zdeněk Kočan** *On properties of dynamical systems on dendrites*
	16:40-17:00 **Javier Gutiérrez** *On models for equivariant ∞-operads*	17:00-17:30 **Tadej Starčič** *On regular Stein neighborhoods of a union of two totally real subspaces in C^n*	16:15-16:35 **Thorsten Rheinländer** *Brownian Trading Excursions*	16:30-16:50 **David Juher** *On the minimum entropy for irreducible interval cycles*
	17:05-17:25 **Lukás Vokrínek** *Algorithmic computation of groups of equivariant homotopy* classes of maps		16:35-16:55 **Michael Kupper** *Duality formulas for robust* pricing and hedging in discrete time	16:55-17:15 **Peter Raith** *Stability of the topological pressure for continuously differentiable interval maps*
			17:00-17:30 **Emmanuel Gobet** *Data-driven regression Monte Carlo*	
18:00 – 20:00	W E L C O M E W I N E			

	Wednesday 21
09:30 – 10:30	**Koucký:** Catalytic computation **(Prat de la Riba)**
10:30 – 11:00	Coffee break and poster session

	C (Coromines)	F (Pi i Sunyer)	G (Prat de la Riba)	L (Nicolau)
11:00 – 13:00	11:00-11:45 **Ilya Kossovskiy** *Borel theorem for CR-maps* 11:45-12:30 **Jordi Pau** *Schatten class Hankel operators on weighted Bergman spaces* 12:30-13:00 **Stefan Fürdös** *An ultradifferentiable reflection principle*	11:00-11:20 **Eulàlia Nualart** *A truncated two–scales realized volatility estimator* 11:20-11:40 **Stefan Gerhold** *Option Pricing in the Moderate Deviations Regim* 11:45-12:05 **Luis Ortiz Gracia** *A dimension reduction method for option pricing* 12:05-12:25 **Antoine Jacquier** *The randomised Heston model* 12:30-13:00 **Giulia Di Nunno** *Sensitivity analysis in a market with memory*	11:00-11:30 **Florian Lehner** *The reconstruction problem for infinite graphs* 11:30-12:00 **Jan Kratochvil** *Partial Extensions and Simultaneous Embeddings* 12:00-12:30 **Martin Skoviera** *Permutation snarks* 12:30-13:00 **Emma Yu Jin** *Graph limits of random graphs from a subset of connected partial k-trees*	11:00-11:20 **Jozef Bobok** *On minimal homeomorphisms on Peano continua* 11:25-11:45 **Vasiliki Evariodou** *Non-escaping endpoints of entire functions* 12:00-12:20 **Jakub Šotola** *On the construction and differentiability of minimal non-invertible skew-product maps of 2-manifolds* 12:25-12:45 **Toni Garijo** *On McMullen-like mappings* 12:50-13:10 **Roman Hric** *Dense orbits of flows and homeomorphisms on topological spaces*

13:00 – 15:00	L U N C H
15:00 – 16:00	**Fagella:** Separation of periodic points in holomorphic dynamics **(Prat de la Riba)**
16:00 – 16:30	Coffee break

	A (Nicolau)	D (Pi i Sunyer)	G (Prat de la Riba)
16:30 – 19:00	16:30-17:10 **Steffen König** *Derived categories, recollements* and applications 17:15-17:35 **Francesc Perera** *The category of Cuntz semigroups* 17:40-18:00 **Ferran Cedó** *A family of irretractable square-free solutions of the Yang-Baxter equation* 18:05-18:25 **Ramon Antoine** *Abstract bivariant Cuntz semigroups*	16:30-17:00 **Xavier Gràcia** *Hamilton–Jacobi theory, dynamical systems, and geometric structures* 17:00-17:30 **Rafael Ramírez** *Inverse Approach In Ordinary Differential Equations And Nambu Bracket* 17:30-18:00 **Anton Galaev** *Holonomy groups of Lorentz-Kähler manifolds* 18:00-18:20 **Marta Farré Puiggalí** *The inverse problem of the calculus of variations and applications to control theory* 18:20-18:40 **Raul C. Volpe** *Characterization of spherical immersions*	16:30-17:00 **Soňa Pavlíková** *Integrally invertible graphs and their spectra* 17:00-17:30 **Gašper Fijavž** *Minimal graphs containing k perfect matchings* 17:30-18:00 **Edita Rollová** *Perfect matchings of regular bipartite graphs* 18:00-18:30 **Gwendal Collet** *Limit laws of vertex degree distribution in planar maps* 18:30-19:00 **Jiří Fiala** *Scattering Number and Hamilton-Connectivity of Interval Graphs*

Thursday 22

09:30 – 10:30	**Remesíková:** Evolution of manifolds with a specially designed tangential component **(Prat de la Riba)**
10:30 – 11:00	Coffee break and poster session

11:00 – 13:00

A (Nicolau)	C (Coromines)	D (Pi i Sunyer)	L (Prat de la Riba)
11:00-11:40 **George Raptis** *Higher weak colimits*	11:00-11:45 **Jordi Marzo** *Equidistribution and β-ensembles*	11:00-11:45 **Eva Miranda** *b^m-Symplectic structures: Going to infinity and coming back*	11:00-11:20 **Henk Bruin** *Self-similarity in the non-matching parameter set for a family of piecewise conti-nuous linear maps*
11:45-12:05 **Natàlia Castellana** *Cellular approximations of classifying spaces of compact Lie groups*	11:45-12:30 **Gian Maria Dall'Ara** *An uncertainty principle and the ∂ problem*	11:45-12:30 **David Saunders** *Holonomic and semiholonomic higher-order jets of submanifolds*	11:25-11:45 **Anna Miriam Benini** *A landing theorem for hairs and dreadlocks of entire functions with bounded post-singular sets*
12:10-12:30 **Oriol Raventós** *Generators and dimensions in triangulated categories*		12:30-13:00 **Olga Rossi** *Hamilton-Jacobi equation*	12:00-12:20 **Marc Jorba** *A fractalization process for invariant curves in affine skew products of the plane*
12:35-12:55 **Jan Stovícek** *Derived equivalences induced by big tilting modules*			12:25-12:45 **Petr Kurka** *Iterative systems of Möbius transf.*
			12:50-13:10 **Alex Haro** *Quasi-periodic normally hyperbolic invariant tori: existence, persistence and mechanisms of breakdown*

13:00 – 15:00	L U N C H
15:00 – 16:00	**Aistleiner:** Large values of the Riemann zeta function in the critical strip **(Prat de la Riba)**
16:00 – 16:30	Coffee break

16:30 – 18:30

D (Pi i Sunyer)	I (Coromines)	L (Prat de la Riba)	ct (Nicolau)
16:30-17:00 **Zdenek Dusek** *Homogeneous geodesics and g.o. manifolds*	16:30-16:50 **Francesc Aràndiga** *A 2D nonlinear algorithm for mono-tone piecewise bicubic interpolation*	16:30-16:50 **Piotr Oprocha** *On completely scrambled systems*	16:30-16:50 **Jan Tesarčík** *On the Spectrum of Dynamical systems on trees*
17:00-17:30 **Pasha Zusmanovich** *Approximability of Lie groups*	16:55-17:15 **Nicolas Papadakis** *Convex Color Image Segmentation with Optimal transport Distances*	16:55-17:15 **David Martí** *Escaping points and semiconjugation of holomorphic self-maps of the punctured plane*	16:55-17:15 **Raphael Pruckner** *Estimates for order of Nevanlinna matrices*
17:30-17:50 **David Rochera** *Holditch's theorem in space forms*	17:20-17:40 **Roberto P. Palomares** *How to improve local optima of optical flow energies using discrete matches*	17:20-17:40 **Jernej Cinc** *Planar embeddings of inverse limit spaces of unimodal maps*	17:20-17:40 **Antonín Slavík** *Diffusion-type equations on discrete -space domains*
17:50-18:10 **Jordi Gaset** *Order reduction and constraints of second-order field theories and higher-order mechanics. Applications to Einstein-Hilbert lagrangian*	17:45-18:05 **Peter Frolkovic** *Optical flow methods based on level set motion*	17:45-18:05 **Jan Boronski** *Rotational dynamics on cofrontiers*	
18:10-18:30 **Eliška Beránková** *Sonya Kowalevsky and Emmy Noether*	18:10-18:30 **Lukas Lang** *Optical Flow on Evolving Sphere-Like Surfaces*	18:10-18:30 **Armengol Gasull** *A smooth Kerékjártó Theorem*	
			20:00 – 22:00 **SOCIAL DINNER**

	Friday 23
09:30 – 10:30	**Miklavic:** Terwilliger algebra of a distance-regular graph **(Prat de la Riba)**
10:30 – 11:00	Coffee break and poster session

	D (Pi i Sunyer)	G (Prat de la Riba)	I (Coromines)
11:00 – 13:00	11:00-11:45 **Josef Janyška** *Remarks on Local Lie algebras of pairs of functions*	11:00-11:30 **Matjaž Konvalinka** Enumeration and asymptotic properties of tanglegrams	11:00-11:30 **Rosa Donat** *Data Compression by nonlinear MR transforms*
	11:45-12:30 **Sebastià Xambó** *Dirac's equation in the light of geometric algebra*	11:30-12:00 **Roman Nedela** Automorphism Groups of Planar Graphs and Spherical Groups	11:30-12:00 **Kamil S. Kazimierski** *Iterative Reconstruction for Inverse Medium Scattering*
	12:30-13:00 **Jose Antonio Vallejo** *Cohomoloy operators and Lie algebroids*	12:00-12:30 **Daniël Paulusma** Colouring diamond-free graphs	12:00-12:30 **Robert Spir** *Tracking of cells in early animal embryogenesis by PDEs methods of image processing and validation of the results*
		12:30-13:00 **Wilfried Imrich** Efficient automorphism breaking in graphs	
			12:30-13:00 **Emanuele Schiavi** *On Non-Smooth Non-Convex Non-Local Optimization*
13:00 – 15:00	L U N C H		

MATHEMATICAL FINANCE (F)

Tuesday 20 (Lecture room: Pi i Sunyer – ground floor)

11:30 – 11:50	**Stefano De Marco** *Asymptotics and calibration for American options*
11:50 – 12:10	**Jose Manuel Corcuera** *CoCos under-short term uncertainty*
12:15 – 12:35	**Zorana Grbac** *Lévy forward price approach for multiple yield curves and low/negative interest rates*
12:35 – 12:55	**Christian Bayer** *Pricing under rough volatility*
13:00 – 13:30	**Robert Stelzer** *Geometric Ergodicity of the Multivariate Continuous-time GARCH(1,1) Process*

15:30 – 15:50	**Josep Vives** *Calibration of stochastic volatility models via second order approximation*
15:50 – 16:10	**Elisa Alòs** *On the link between the implied volatility skew and the Malliavin derivative operator*
16:15 – 16:35	**Thorsten Rheinländer** *Brownian Trading Excursions*
16:35 – 16:55	**Michael Kupper** *Duality formulas for robust pricing and hedging in discrete time*
17:00 – 17:30	**Emmanuel Gobet** *Data-driven regression Monte Carlo*

Wednesday 21 (Lecture room: Pi i Sunyer – ground floor)

11:00 – 11:20	**Eulàlia Nualart** *A truncated two–scales realized volatility estimator*
11:20 – 11:40	**Stefan Gerhold** *Option Pricing in the Moderate Deviations Regim*
11:45 – 12:05	**Luis Ortiz Gracia** *A dimension reduction method for option pricing*
12:05 – 12:25	**Antoine Jacquier** *The randomised Heston model*
12:30 – 13:00	**Giulia Di Nunno** *Sensitivity analysis in a market with memory*

APPLICATIONS OF CATEGORIES IN ALGEBRA AND TOPOLOGY (A)

Tuesday 20 (Lecture room: Nicolau d'Olwer – ground floor)

11:30 –12:10	**Mike Prest** *Spectra of definable additive categories*
12:15 – 12:35	**Amit Kuber** *Taxotopy: Ordered homotopy with adjunctions*
12:40 – 13:00	**Pavel Príhoda** *Trace ideal of a pure projective module*
13:05 – 13:25	**Imma Gálvez** *Möbius inversion and bialgebras from decomposition spaces*

15:30 – 16:10	**Joana Cirici** *Homotopy theory of derived A_∞-algebras*
16:15 – 16:35	**Wolfgang Pitsch** *Relative resolutions via truncations*
16:40 – 17:00	**Javier Gutiérrez** *On models for equivariant ∞-operads*
17:05 – 17:25	**Lukás Vokrínek** *Algorithmic computation of groups of equivariant homotopy classes of maps*

Wednesday 21 (Lecture room: Nicolau d'Olwer – ground floor)

16:30 – 17:10	**Steffen König** *Derived categories, recollements and applications*
17:15 – 17:35	**Francesc Perera** *The category of Cuntz semigroups*
17:40 – 18:00	**Ferran Cedó** *A family of irretractable square-free solutions of the Yang-Baxter equation*
18:05 – 18:25	**Ramon Antoine** *Abstract bivariant Cuntz semigroups*

Thursday 22 (Lecture room: Nicolau d'Olwer – ground floor)

11:00 – 11:40	**George Raptis** *Higher weak colimits*
11:45 – 12:05	**Natàlia Castellana** *Cellular approximations of classifying spaces of compact Lie groups*
12:10 – 12:30	**Oriol Raventós** *Generators and dimensions in triangulated categories*
12:35 – 12:55	**Jan Stovícek** *Derived equivalences induced by big tilting modules*

DIFFERENTIAL GEOMETRY AND MATHEMATICAL PHYSICS (D)

Wednesday 21 (Lecture room: Pi i Sunyer – ground floor)

16:30 – 17:00	**Xavier Gràcia** *Hamilton–Jacobi theory, dynamical systems, and geometric structures*
17:00 – 17:30	**Rafael Ramírez** *Inverse Approach In Ordinary Differential Equations And Nambu Bracket*
17:30 – 18:00	**Anton Galaev** *Holonomy groups of Lorentz-Kähler manifolds*
18:00 – 18:20	**Marta Farré Puiggalí** *The inverse problem of the calculus of variations and applications to control theory*
18:20 – 18:40	**Raul C. Volpe** *Characterization of spherical immersions*

Thursday 22 (Lecture room: Pi i Sunyer – ground floor)

11:00 – 11:45	**Eva Miranda** *b^m-Symplectic structures: going to infinity and coming back*
11:45 – 12:30	**David Saunders** *Holonomic and semiholonomic higher-order jets of submanifolds*
12:30 – 13:00	**Olga Rossi** *Hamilton-Jacobi equation*

16:30 – 17:00	**Zdenek Dusek** *Homogeneous geodesics and g.o. manifolds*
17:00 – 17:30	**Pasha Zusmanovich** *Approximability of Lie groups*
17:30 – 17:50	**David Rochera** *Holditch's theorem in space forms*
17:50 – 18:10	**Jordi Gaset** *Order reduction and constraints of second-order field theories and higher-order mechanics. Applications to Einstein-Hilbert lagrangian*
18:10 – 18:30	**Eliška Beránková** *Sonya Kowalevsky and Emmy Noether*

Friday 23 (Lecture room: Pi i Sunyer – ground floor)

11:00 – 11:45	**Josef Janyška** *Remarks on Local Lie algebras of pairs of functions*
11:45 – 12:30	**Sebastià Xambó** *Dirac's equation in the light of geometric algebra*
12:30 – 13:00	**Jose Antonio Vallejo** *Cohomoloy operators and Lie algebroids*

MATHEMATICAL MODELS IN IMAGE PROCESSING (I)

Thursday 22 (Lecture room: Pere i Joan Coromines – ground floor)

16:30 – 16:50	**Francesc Aràndiga** *A 2D nonlinear algorithm for monotone piecewise bicubic interpolation*
16:55 – 17:15	**Nicolas Papadakis** *Convex Color Image Segmentation with Optimal transport Distances*
17:20 – 17:40	**Roberto P. Palomares** *How to improve local optima of optical flow energies using discrete matches*
17:45 – 18:05	**Peter Frolkovic** *Optical flow methods based on level set motion*
18:10 – 18:30	**Lukas Lang** *Optical Flow on Evolving Sphere-Like Surfaces*

Friday 23 (Lecture room: Pere i Joan Coromines – ground floor)

11:00 – 11:30	**Rosa Donat** *Data Compression by nonlinear MR transforms*
11:30 – 12:00	**Kamil S. Kazimierski** *Iterative Reconstruction for Inverse Medium Scattering*
12:00 – 12:30	**Robert Spir** *Tracking of cells in early animal embryogenesis by PDEs methods of image processing and validation of the results*
12:30 – 13:00	**Emanuele Schiavi** *On Non-Smooth Non-Convex Non-Local Optimization*

COMBINATORICS AND GRAPH THEORY (G)

Tuesday 20 (Lecture room: Prat de la Riba – first floor)

11:30 – 12:00	**Michal Drmota** *Subgraph Statistics in Subcritical Graph Classes*
12:00 – 12:30	**Josef Siran** *Enumeration of orientably-regular maps on twisted linear fractional groups*
12:30 – 13:00	**Bernard Gittenberger** *Asymptotic enumeration of unary-binary tree-like structures with restrictions on the unary height*
13:00 – 13:30	**Jiří Sgall** *General Caching Is Hard: Even with Small Pages*

Wednesday 21 (Lecture room: Prat de la Riba – first floor)

11:00 – 11:30	**Florian Lehner** *The reconstruction problem for infinite graphs*
11:30 – 12:00	**Jan Kratochvil** *Partial Extensions and Simultaneous Embeddings*
12:00 – 12:30	**Martin Skoviera** *Permutation snarks*
12:30 – 13:00	**Emma Yu Jin** *Graph limits of random graphs from a subset of connected partial k-trees*

16:30 – 17:00	**Soňa Pavlíková** *Integrally invertible graphs and their spectra*
17:00 – 17:30	**Gwendal Collet** *Limit laws of vertex degree distribution in planar maps*
17:30 – 18:00	**Gašper Fijavž** *Minimal graphs containing k perfect matchings*
18:00 – 18:30	**Jiří Fiala** *Scattering Number and Hamilton-Connectivity of Interval Graphs*
18:30 – 19:00	**Edita Rollová** *Perfect matchings of regular bipartite graphs*

Friday 23 (Lecture room: Prat de la Riba – first floor)

11:00 – 11:30	**Matjaž Konvalinka** *Enumeration and asymptotic properties of tanglegrams*
11:30 – 12:00	**Roman Nedela** *Automorphism Groups of Planar Graphs and Spherical Groups*
12:00 – 12:30	**Daniël Paulusma** *Colouring diamond-free graphs*
12:30 – 13:00	**Wilfried Imrich** *Efficient automorphism breaking in graphs*

LOW DIMENSIONAL DYNAMICAL SYSTEMS (L)

Tuesday 20 (Lecture room: Prat de la Riba – first floor)

15:30 – 15:50	**Lluís Alsedà** *Complexity and Simplicity in the dynamics of Totally Transitive graph maps*
16:00 – 16:20	**Zdeněk Kočan** *On properties of dynamical systems on dendrites*
16:30 – 16:50	**David Juher** *On the minimum entropy for irreducible interval cycles*
16:55 – 17:15	**Peter Raith** *Stability of the topological pressure for continuously differentiable interval maps*

Wednesday 21 (Lecture room: Nicolau d'Olwer – ground floor)

11:00 – 11:20	**Jozef Bobok** *On minimal homeomorphisms on Peano continua*
11:25 – 11:45	**Vasiliki Evariodou** *Non-escaping endpoints of entire functions*
12:00 – 12:20	**Jakub Šotola** *On the construction and differentiability of minimal non-invertible skew-product maps of 2-manifolds*
12:25 – 12:45	**Toni Garijo** *On McMullen-like mappings*
12:50 – 13:10	**Roman Hric** *Dense orbits of flows and homeomorphisms on topological spaces*

Thursday 22 (Lecture room: Prat de la Riba – first floor)

11:00 – 11:20	**Henk Bruin** *Self-similarity in the non-matching parameter set for a family of piecewise continuous linear maps*
11:25 – 11:45	**Anna Miriam Benini** *A landing theorem for hairs and dreadlocks of entire functions with bounded post-singular sets*
12:00 – 12:20	**Marc Jorba** *A fractalization process for invariant curves in affine skew products of the plane*
12:25 – 12:45	**Petr Kurka** *Iterative systems of Möbius transformations*
12:50 – 13:10	**Alex Haro** *Quasi-periodic normally hyperbolic invariant tori: existence, persistence and mechanisms of breakdown*

16:30 – 16:50	**Piotr Oprocha** *On completely scrambled systems*
16:55 – 17:15	**David Martí** *Escaping points and semiconjugation of holomorphic self-maps of the punctured plane*
17:20 – 17:40	**Jernej Cinc** *Planar embeddings of inverse limit spaces of unimodal maps*
17:45 – 18:05	**Jan Boronski** *Rotational dynamics on cofrontiers*
18:10 – 18:30	**Armengol Gasull** *A smooth Kerékjártó Theorem*

COMPLEX ANALYSIS AND GEOMETRY (C)

Tuesday 20 (Lecture room: Pere i Joan Coromines – ground floor)

11:30 – 12:15	**Carme Cascante** *Pointwise multipliers for Hardy-Sobolev spaces*
12:15 – 13:00	**Francine Meylan** *Chern-Moser Theory in higher codimension*
13:00 – 13:30	**Franz Berger** *Essential spectrum of the complex Laplacian on product manifolds*

15:30 – 16:15	**Friedrich Haslinger** *On some spectral properties of the ∂-Neumann operator*
16:15 – 17:00	**Michael Reiter** *The Local Rigidity Problem for Holomorphic Mappings of Real Submanifolds*
17:00 – 17:30	**Tadej Starčič** *On regular Stein neighborhoods of a union of two totally real subspaces in C^n*

Wednesday 21 (Lecture room: Pere i Joan Coromines – ground floor)

11:00 – 11:45	**Ilya Kossovskiy** *Borel theorem for CR-maps*
11:45 – 12:30	**Jordi Pau** *Schatten class Hankel operators on weighted Bergman spaces*
12:30 – 13:00	**Stefan Fürdös** *An ultradifferentiable reflection principle*

Thursday 22 (Lecture room: Pere i Joan Coromines – ground floor)

11:00 – 11:45	**Jordi Marzo** *Equidistribution and β-ensembles*
11:45 – 12:30	**Gian Maria Dall'Ara** *An uncertainty principle and the ∂ problem*

CONTRIBUTED TALKS (ct)

Thursday 22 (Lecture room: Nicolau d'Olwer – ground floor)

16:30 – 16:50	**Jan Tesarčík** *On the Spectrum of Dynamical systems on Trees*
16:55 – 17:15	**Raphael Pruckner** *Estimates for order of Nevanlinna matrices*
17:20 – 17:40	**Antonín Slavík** *Diffusion-type equations on discrete-space domains*