Time	Speaker name	Talk title	Virtual/ In Person

Monday, September 20

Time	Speaker name	Talk title	Virtual/ In Person
8:50-9:00	Welcome		
9:00-9:45	Eduard Feireisl	On the relevance of stochastic models in turbulence	In Person
9:45-10:30	Grzegorz Karch	Singular behavior of solutions to reaction-diffusion-ODE systems	In Person
10:30-10:45	Coffee break		
10:45-11:30	Agnieszka Świerczewska-Gwiazda	Euler-Poisson equation - weak-strong uniqueness principle for dissipative measure-valued solutions	In Person
11:30-12:00	Ondrej Kreml	Measure-valued solutions and weak-strong uniqueness for the incompressible inviscid fluid-rigid body interaction	In Person
12:00-12:30	Milan Pokorny	Continuity equation and vacuum regions in compressible flows	In Person
12:30-13:00	Robert Stańczy	Dark Matter Models	In Person
13:00	Lunch		
14:30-15:15	Ewelina Zatorska	Singular limit for a system without relative entropy	In Person
15:15-15:45	Šárka Nečasová	On the problem of the motion of a rigid body in acompressible fluid	Virtual
15:45-16:15	Piotr Biler	Forward self-similar solutions of the Keller--Segel model in higher dimensions	Virtual
16:15-16:30	Cofee break		
16:30-16:50	Maja Szlenk	Weak solutions for the Stokes system for compressible fluids with general pressure	In Person
16:50-17:10	Martin Kalousek	Existence of strong solutions to a class of compressible non-Newtonian Navier-Stokes equations	In Person
17:10-17:30	Szymon Cygan	Discontinuous stationary solutions to reaction-diffusion-ODE systems	In Person
17:30-17:40	Break		
17:40-18:00	Laura Baldelli	Nonlinear elliptic critical problems in R^N	In Person
18:00-18:20	Jakub Skrzeczkowski	Fast reaction limit with nonmonotone reaction function	In Person
18:20-18:40	Arnab Roy	Existence of strong solutions for a compressible viscous fluid and a wave equation interaction system	Virtual
18:40-19:00	Łukasz Chomienia	Parabolic equations on low-dimensional structures	Virtual
19:15	Dinner – WELCOME PARTY		

Time	Speaker name	Talk title	Virtual/ In Person

Tuesday, September 21

Time	Speaker name	Talk title	Virtual/ In Person
9:00-9:45	José A. Langa	Attractors as information structures	Virtual
9:45-10:30	James Robinson	The Navier-Stokes equations on expanding periodic domains	Virtual

10:30-10:45	Coffee break		

10:45-11:30	Piotr Zgliczyński	Shadowing of nontransversal heteroclinic chains in cubic defocusing NLS on the plane	In Person
11:30-12:15	Krzysztof Bogdan	Nonlocal Douglas identity in L^p	In Person
12:15-12:45	Tomasz Jakubowski	Optimal Hardy inequalities for the fractional Laplacian on L^p	In Person
12:45-13:15	Michele Coti Zelati	Stationary Euler flows near the Kolmogorov flow	Virtual

13:15	Lunch		

14:45-15:30	Irena Lasiecka	Long time behavior in a flow-structure interaction	Virtual
15:30-16:15	Wojciech Kryszewski	Flow invariance of closed sets	Virtual

16:15-16:30	Cofee break		

16:30-17:00	Radosław Czaja	Attractors for Dissipative Fourth Order Problems in R^N	Virtual
17:00-17:30	Mikołaj Sierżęga	Optimal Liouville theorem for a semilinear Ornstein-Uhlenbeck equation	In Person

17:30-17:40	Break		

17:40-18:00	Jacek Kubica	Proof of the pitchfork bifurcation in the Kuramoto-Sivashinsky equation	In Person
18:00-18:20	Jakub Banaśkiewicz	Convergence of non-autonomous attractors for subquintic weakly damped wave equation	In Person
18:20-18:40	Mateusz Świtała	The modelling of a capillary rise dynamics using a nonlinear differential equation	In Person
18:40-19:00	Alessandra De Luca	Boundary strong unique continuation property for fractional elliptic equations	In Person

19:00	Dinner		

Time	Speaker name	Talk title	Virtual/ In Person

Wednesday, September 22

Time	Speaker name	Talk title	Virtual/ In Person
9:00-9:45	Barbara Wohlmuth	The challenge of non-local operators and mixed dimension in simulation and modelling	In Person
9:45-10:30	Endre Süli	Discrete De Giorgi estimates and the finite element approximation of chemically reacting biological fluids	Virtual

10:30-10:50	Coffee break

Time	Speaker name	Talk title	Virtual/ In Person
10:50-11:20	Marcus Webb	Numerical solution of the Schrodinger equation on the whole real line	In Person
11:20-11:50	Georg Maierhofer	Highly oscillatory quadrature exploiting banded representations of differential operators	In Person
11:50-12:10	Maria Cabrera Calvo	Uniformly Accurate Low Regularity Integrators For the Klein–Gordon Equation	In Person
12:10-12:30	Karen Luong	An efficient method to approximate wave packets on the whole real line	In Person
12:30-12:50	Rafał Perczyński	Asymptotic expansions for PDEs with highly oscillatory input term	In Person
12:50-13:10	Karolina Lademann	Effective high order integrators for linear Klein-Gordon equations in low to highly oscillatory regimes	In Person

13:10	Lunch

Time	Speaker name	Talk title	Virtual/ In Person
14:30-15:00	Annika Lang	Connecting random fields on manifolds and stochastic partial differential equations in simulations	Virtual
15:00-15:45	Agnieszka Międlar	p-Hierarchical Enrichment of Eigenvalue/Eigenvector Approximations	Virtual

19:00	Dinner - GRILL

Time	Speaker name	Talk title	Virtual/ In Person

Thursday, September 23

Time	Speaker name	Talk title	Virtual/ In Person
9:00-9:45	Giuseppe Mingione	Perturbations beyond Schauder	Virtual
9:45-10:30	Maria Colombo	Nonuniqueness of solutions to the Euler equations with vorticity in a Lorentz space	Virtual
10:30-10:45		Coffee break	
10:45-11:15	Mathias Shaeffner	On the regularity theory for non-uniformly elliptic problems	In Person
11:15-11:45	Bartosz Bieganowski	Normalized ground states of the nonlinear Schrödinger equation with at least mass critical growth	In Person
11:45-12:15	Michał Miśkiewicz	Stability of singularities of minimizing harmonic maps	In Person
12:15-12:20		Break	
12:20-12:50	Michał Łasica	Existence of the 1-harmonic map flow	In Person
12:50-13:10	Jacopo Schino	Infinitely many entire solutions to the curl-curl problem with critical exponent	In Person
13:10		Lunch	
14:30-15:15	Massimiliano Morini	Long-time behavior of discrete volume-preserving mean curvature flat flows	Virtual
15:15-15:45	Connor Mooney	Solutions to the Monge-Ampere equation with polyhedral and Y-shaped singularities	Virtual
15:45-16:15	Wojciech Górny	Geometric aspects of the 1-Laplacian	Virtual
16:15-16:30		Cofee break	
16:30-17:00	Andrzej Nowakowski	Elliptic equations in Musielak-Orlicz spaces	In Person
17:00-17:30	Aleksandra Puchalska	What is graph surgery? A short summary on spectral properties of linear evolution equations on a metric graph	In Person
17:30-17:35		Break	
17:35-18:05	Angela Alberico	An eigenvalue problem for fully anisotropic elliptic operators	Virtual
18:05-18:25	Tymoteusz Chojecki	On certain estimates for a divergence form second order elliptic operator with unbounded coefficients	Virtual
18:25-18:45	Indranil Chowdhury	Numerical approximations of nonlocal Mean Field Games	In Person
19:00		Dinner	

Time	Speaker name	Talk title	Virtual/ In Person

Friday, September 24

Time	Speaker name	Talk title	Virtual/ In Person
8:45-9:30	Serena Dipierro	The Bernstein technique for integro-differential equations	Virtual
9:30-10:00	Piotr Rybka	A biased review of space-fractional diffusion problems	Virtual
10:00-10:30	Łukasz Płociniczak	Numerical methods for nonlocal and nonlinear parabolic equations with applications in hydrology and climatology	In Person

10:30-10:45	Coffee break

10:45-11:30	Piotr Mucha	Burgers equation on graphs	In Person
11:30-12:00	Sebastian Owczarek	Weak solutions for the Norton-Hoff model with full temperature dependence	In Person
12:00-12:30	Tomasz Klimsiak	Elliptic (non-local) PDEs with singular data - Brezis' theory of reduced measures	In Person

12:30-12:35	Break

12:35-13:05	Roberto Ognibene	A quantitative fractional isocapacitary inequality	In Person
13:05-13:25	Miłosz Krupski	Fully nonlinear parabolic mean field games, local and nonlocal	In Person
13:25-13:45	Igor Kossowski	Nonlinear equations with generalized fractional Laplacian	Virtual

13:45	Lunch