Dagstuhl Seminar 25492: Schedule (*Preliminary, only Monday is fixed, other days can be flexible, updated 30/11)

Monday 1st	**Tuesday 2nd**	**Wednesday 3rd**	**Thursday 4th**	**Friday 5th**
09:00-10:30 Welcome + 3-minute/1-slide intro by everyone	09:00-10:00 **Tutorial 5:** (O. Furat, L. Fuchs, V. Schmidt)	09:00-10:30 Slot 3 (3 x 20min)	9:00-10:30 Slot 5 (3 x 20min)	09:00-10:30 Slot 8 (3 x 20min)
10:30-11:00 Coffee break	10:00-10:30 Coffee break	10:30-11:00 Coffee break	10:30-11:00 Coffee break	10:30-11:00 Coffee break
11:00-12:00 **Tutorial 1:** (H. F. Poulsen)	10:30-12:00 Slot 1 (3 x 20min)	11:00-12:00 Slot 4 (2 x 20min)	11:00-12:00 Slot 6 (2 x 20min)	11:00-12:00 Discussion time 3
12:15 Lunch	12:15: Lunch	12:15: Lunch	12:15 Lunch	12:15: Lunch
14:00-15:00 **Tutorial 2:** (P. Gritzmann)	14:30-15:30 Slot 2 (2 x 20min)	Free afternoon	14:00-15:30 Slot 7 (3 x 20min)	
15:00-15:30 Coffee break	15:30-16:00 Coffee break	Free afternoon	15:30-16:00 Coffee break	
15:30-16:30 **Tutorial 3:** (B. Levy)	16:00-18:00 Discussion time 1	Free afternoon	16:00-18:00 Discussion time 2	
16:30-16:45 Break		Free afternoon		
16:45-17:45 **Tutorial 4:** (C. Redenbach)		Free afternoon		
18:00 Dinner	18:00 Dinner	18:00 Dinner	18:00 Dinner	18:00 Dinner

Tutorial 1	Poulsen	Materials Science and Diagrams
Tutorial 2	Gritzmann	Diagrams, Clustering, and Coresets
Tutorial 3	Levy	Optimal Transport : a new asset in the numerical analysis toolbox
Tutorial 4	Redenbach	Stochastic Geometry and Diagrams
Tutorial 5	Furat, Fuchs, Schmidt	Introduction to artificial neural networks and their applications in structural analysis and modeling of polycrystalline materials

20-min talks:

Slot 1

Edelsbrunner	Overlay of Voronoi tessellations for lunar Euclidean MSTs
Har-Peled	The Road to the Closest Point is Paved by Good Neighbors
Papadopoulou	On abstract Voronoi-like graphs with applications

Slot 2

Krill	When grains go wild! Tracking the emergence and persistence of abnormal grain growth using time-resolved 3D x-ray microscopy
Quey	A Historical Perspective on the Use of Generalized Voronoi Diagrams in Polycrystal Mechanics

Slot 3

Buze	PyAPD: A Python library for working with minimisation diagrams with GPU acceleration
Neumann	From classical models to Voronoi diagrams with graph-valued seeds—applications to morphological modeling in materials science
Jung	Stochastic Microstructure Modelling Based on Random Tessellations

20-min talks:

Slot 4		
	Gusakova	Geometric properties of random Laguerre tessellations
	Vittorietti	Statistical Inference for Poisson-Laguerre tessellation: inversion and reconstruction
Slot 5		
	Emelianenko	CVT-based data-adaptive family of partitioning algorithms
	Natale	Semi-discrete convex order and Laguerre tessellation fitting
	Furat, Fuchs, Schmidt	Data-driven stereology: Integrating generative adversarial networks with tessellation-based models for 3D microstructure reconstruction
Slot 6		
	Pawlas	Statistics of random marked tessellations
	Calka	A few asymptotic results for functionals of Poisson-Voronoi cells
Slot 7		
	Feydy	An optimal transport model for dynamical shapes, collective motion and cellular aggregates
	Feldman	Provably Robust Perspective-n-Point Algorithms for Camera Pose Estimation
	TBA	
Slot 8	(Software Demo)	
	TBA (Neper?)	
	TBA	
	TBA	