



**Conference schedule**  
***New frontiers in dimension theory of dynamical systems***  
**June 7 - June 11, 2021**

**Monday, June 7**

- 15:00-15:15 Welcome from the organisers - Led by Yakov Pesin
- 15:15-15:55 Kenneth Falconer  
*Measure on planar non-conformal attractors*
- 16:05-16:35 Stephane Seuret  
*About the multifractal formalism*
- 16:50-17:30 Tamara Kucherenko  
*Multivariable Pressure Function on Compact Symbolic Systems*
- 17:30-18:30 Social gathering

**Tuesday, June 8**

- 15:35-16:05 [Marc Kesseboehmer](#)  
*Spectral dimensions of Krein-Feller operators and  $L^q$ -spectra*
- 16:15-16:55 [Aihua Fan](#)  
*Multifractal analysis of generalized Thue-Morse polynomials*
- 17:05-17:45 [Esa Jarvenpaa](#)  
*On dimensions of visible parts of self-similar sets with finite rotation groups*
- 18:00-18:40 [Alexia Yavicoli](#)  
*Thickness in  $\mathbb{R}^d$*
- 18:40-19:40 Social gathering

**Wednesday, June 9**

- 13:20-14:00 [De-Jun Feng](#)  
*Dimension estimates for  $C^1$  iterated function systems and repellers*
- 14:10-14:40 [Christoph Bandt](#)  
*A concentration coefficient from a dimension-like formula, with application to the Covid-19 pandemic*
- 15:00-17:00 Conference dinner & celebratory talks - Led by Boris Hasselblatt

**Thursday, June 10**

- 13:50-14:30 [Tomas Persson](#)  
*Uniform random coverings of the circle*
- 14:40-15:10 [Manfred Denker](#)  
*Substitution Markov chains*
- 15:10-15:50 Social gathering
- 15:50-16:30 [Boris Solomyak](#)  
*On the Fourier decay for self-affine measures*
- 16:40-17:20 [Omri Sarig](#)  
*(Dis)continuity of Lyapunov exponents for surface diffeomorphisms*

**Friday, June 11**

- 15:20-16:00 Pablo Lessa  
*Dimension of  $SL_d(\mathbb{R})$  stationary measures*
- 16:10-16:50 [Meng Wu](#)  
*Projection properties of some special measures, and applications*
- 17:00-17:40 [Pablo Shmerkin](#)  
*Beyond Furstenberg's intersection conjecture*
- 17:40-18:40 Social gathering & end of conference - Led by Sabrina Kombrink and Tony Samuel