- **Hertl, Thorsten: Cubical approximation of positive scalar curvature metrics (SR 0)**
  In this talk, I will outline a construction of a cubical set that naturally contains as zero-cubes $\mathrm{R}^+(M)$, the space of all Riemannian metrics of positive scalar curvature on a given closed smooth manifold M. After a brief summary of the theory of cubical sets, I will present some properties of this cubical set and explain how it might help to derive information about $\mathrm{R}^+(M)$. This is work in progress.