Andreas Höring: **MMP for compact Kähler threefolds**

Compact Kähler manifolds are a natural generalization of complex projective manifolds and many statements from the minimal model program are expected to hold in this more general setting. Yet while the MMP for projective manifolds has made tremendous progress for more than thirty years, the proofs typically do not work for higher-dimensional Kähler manifolds. In this talk I will explain the main challenges for establishing the Kähler MMP and how to resolve these problems for threefolds.