

## Moduli problems and Birational geometry

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I will survey some recent development in the theory of moduli spaces of higher dimensional varieties. This has been a massive undertaking over the past 30 years and the Minimal Model Program (MMP) plays a central role in this recent progress. I will then explain some work in progress on using these ideas to produce moduli spaces of other classes of objects, with a particular focus on foliations. This features joint works in progress with M. McQuillan, R. Svaldi and S. Velazquez.