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**Conformally related metrics with  
special holonomy**

**16. Januar 2018 - 16 Uhr**

**Seminarraum IGT, Raum 7.530, Pfaffenwaldring 57**

Abstract:

We classify compact connected  $n$ -dimensional manifolds with a conformal class containing two non-homothetic metrics with nongeneric holonomy. The proof is based on a new result concerning conformally product metrics, and on several previous results like the classification of locally conformally Kähler manifolds with special holonomy (with F. Madani and M. Pilca), and the study of conformal Killing forms on manifolds with special holonomy (with F. Belgun and U. Semmelmann)

