

**VENTOTENE INTERNATIONAL WORKSHOPS VI
GRAZP: GROUPS AND RIGIDITY AROUND THE ZIMMER PROGRAM
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AN UPDATE ON THE CURRENT STATE OF THE ZIMMER PROGRAM

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This course will attempt to give an update on the current state of the Zimmer program with some emphasis on recent innovations. I will also emphasize open problems that either a) are clear obstructions to further progress or b) possibly accessible given recent innovations.

Some points of focus will be the breakthrough on Zimmer's conjecture in joint work with Brown and Hurtado. I will also try to describe other related developments in work of Brown, Rodriguez Hertz and Wang, and Brown and Lee. One focus will be on construction of examples and particularly on recent work with Melnick.