

**VENTOTENE INTERNATIONAL WORKSHOPS VI  
GRAZP: GROUPS AND RIGIDITY AROUND THE ZIMMER PROGRAM  
VENTOTENE, 11-16 SEPTEMBER 2023**

DYNAMICALLY RICH CENTRALIZERS AND GLOBAL RIGIDITY OF GROUPS OF  
DIFFEOMORPHISMS: SMALL AND LARGE

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I will mainly focus on our recent contribution towards Zimmer's program, joint with Spatzier, Vinhage and Xu, concerning global rigidity for Anosov actions of semisimple Lie groups. Main ingredient are global rigidity results for certain abelian Anosov actions.