

Workshop: Applications of non-joint integrability in partially hyperbolic dynamics

March 17,19 and 20 From 9h to 17h

Universidade Federal Fluminense (UFF) Campus do Gragoatá - Bloco H - Sala 407



This three-days workshop will consist of three mini-courses dealing with some form of non-joint integrability of extreme bundles in partially hyperbolic dynamics applied to: exponential mixing, existence of physical measures and the SRB property of u-Gibbs states (measure rigidity). Each mini-course will consist of 3 lectures of 1.5h each about a recent result on the subject

Mini-course 1: Exponential mixing for excellent hyperbolic flows (following Avila-Göezel-Yoccoz) by Vitor Gomes

Mini-course 2: Physical measures for certain partially hyperbolic attractors on 3-manifolds (following Bortolotti) by Luis Gustavo Valente

Mini-course 3: Geometric properties of partially hyperbolic measures (following Eskin-Potrie-Zhang) by Bruno Santiago

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