



Masterclass program 12-16 Aug 2013
Pressure and Weil-Petersson metrics by
Martin Bridgeman, Dick Canary, and Andrés Sambarino

Monday 12 Aug

Location: Aud. G1

09:30 - 10:00 Morning coffee/tea & bread rolls

10:00 - 10:45 **Introduction and Overview I** (Dick Canary)

10:45 - 11:15 Coffee break

11:15 - 12:00 **Introduction and Overview II** (Dick Canary)

12:00 - 14:00 Lunch

14:00 - 14:45 **Geodesic flow for hyperbolic groups** (Martin Bridgeman)

14:45 - 15:15 Coffee break

15:15 - 16:00 **Convex Anosov representations: Definitions** (Martin Bridgeman)

18:00 - Social networking dinner in "Staff lounge" (2 floor – follow the signs)

Tuesday 13 Aug

Location: Aud. G1

09:30 - 10:00 Morning coffee/tea & bread rolls

10:00 - 10:45 **Convex Anosov representations: Basic properties** (Dick Canary)

10:45 - 11:15 Coffee break

11:15 - 12:00 **Convex irreducible representations** (Andrés Sambarino)

12:00 - 14:00 Lunch

14:00 - 14:45 **Convex Anosov representation: Examples** (Andrés Sambarino)

14:45 - 15:15 Coffee break

15:15 - 16:00 **General Anosov representations** (Dick Canary)



Wednesday 14 Aug

Location: Aud. G1

09:30 - 10:00 Morning coffee/tea & bread rolls

10:00 - 10:45 **The geodesic flow of a representation I** (Martin Bridgeman)

10:45 - 11:15 Coffee break

11:15 - 12:00 **The geodesic flow of a representation II** (Martin Bridgeman)

12:00 - 14:00 Lunch

14:00 - 14:45 **Metric Anosov flows** (Andrés Sambarino)

14:45 - 15:15 Coffee break

15:15 - 16:00 **Thermodynamic formalism I** (Andrés Sambarino)

Thursday 15 Aug

Location: Aud. G1

09:30 - 10:00 Morning coffee/tea & bread rolls

10:00 - 10:45 **Thermodynamic formalism II** (Andrés Sambarino)

10:45 - 11:15 Coffee break

11:15 - 12:00 **Analyticity of entropy and intersection number I** (Dick Canary)

12:00 - 14:00 Lunch

14:00 - 14:45 **Analyticity of entropy and intersection number II** (Dick Canary)

14:45 - 15:15 Coffee break

15:15 - 16:00 **The pressure metric I** (Martin Bridgeman)

(The Masterclass Dinner has been moved to Saturday 17 August in connection to the Higgs Bundles Day)

Friday 16 Aug

Location: Aud. G1

09:30 - 10:00 Morning coffee/tea & bread rolls

10:00 - 10:45 **The pressure metric II** (Martin Bridgeman)

10:45 - 11:15 Coffee break

11:15 - 12:00 **Rigidity Theorems** (Andrés Sambarino)

12:00 - 14:00 Lunch

14:00 - 14:45 **Applications and generalizations I** (Staff)

14:45 - 15:15 Coffee break

15:15 - 16:00 **Applications and generalizations II** (Staff)