



# Workshop on Teichmüller Theory, Hyperbolicity and Dynamics

IMPA, Rio de Janeiro, June 23 – 29, 2019

We hereby certify that, **Alessia Mandini** - Pontifícia Universidade Católica do Rio de Janeiro, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Hyperpolygons and parabolic Higgs bundles**”.

Rio de Janeiro, June 29<sup>th</sup>, 2019

Misha Verbitsky  
Organizing Committee

support



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We hereby certify that, **Alexandre Ananin** - Inst. Ciên. Matemática e Comp. de São Carlos, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Hyperelliptic group**”.

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We hereby certify that, **Dmitri Panov - King's College London**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Moduli spaces of spherical surfaces with conical singularities**”.

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We hereby certify that, **Gabriele Mondello** - **University of Roma "la Sapienza"**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Ergodic invariant measures on the space of geodesic currents**”.

Rio de Janeiro, June 29<sup>th</sup>, 2019

A handwritten signature in black ink, appearing to read "Misha Verbitsky".

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We hereby certify that, **John Loftin - Rutgers University - Newark**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Coordinates along neck pinches for moduli of convex real projective structures**”.

Rio de Janeiro, June 29<sup>th</sup>, 2019

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We hereby certify that, ***Khadim War* - Instituto de Matemática Pura e Aplicada**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Uniqueness of the measure of maximal entropy for geodesic flows on certain manifolds without conjugate points**”.

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We hereby certify that, **Martin Bridgeman - Boston College**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Schwarzian derivatives, projective structures, and the Weil-Petersson gradient flow for renormalized volume**”.

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We hereby certify that, **Mikhail Belolipetsky** - Instituto de Matemática Pura e Aplicada, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Arithmetic points in moduli spaces**”.

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We hereby certify that, **Misha Verbitsky** - Institute for High Energy Physics, Protvino, Moscow Region, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Hyperkähler structure on the space of quasi-Fuchsian representations**”.

Rio de Janeiro, June 29<sup>th</sup>, 2019

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We hereby certify that, **Philip Engel** - **University of Georgia**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Integral-affine structures and compactification of K3 moduli**”.

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We hereby certify that, **Richard Canary - University of Michigan**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Topological restrictions on Anosov representations**”.

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We hereby certify that, **Sorin Dumitrescu - Université de Nice**, participated in the Teichmüller Theory, Hyperbolicity and Dynamics, held at IMPA, Rio de Janeiro, June 23 – 29, 2019 and presented the following plenary talk: “**Holomorphic Cartan geometries on simply connected manifolds**”.

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