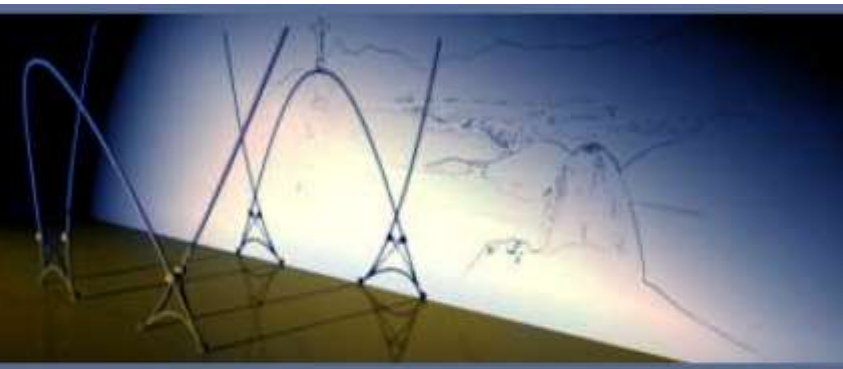


International Meeting of young researchers in Singularity Theory and related fields
IX Workshop on Algebraic Theory of Singularities

Rio de Janeiro
March 02 - 07, 2020

CERTIFICATE



We hereby certify that, **Maicom Douglas Varella Costa** - Universidade Federal de São Carlos, participated in the *International Meeting of young researchers in Singularity Theory* & in the *IX Workshop on Algebraic Theory of Singularities*, held at IMPA, Rio de Janeiro, from March 02 – 07, 2020 and presented the following Poster: “**Graphs of stable maps from closed surfaces to the projective plane**”.

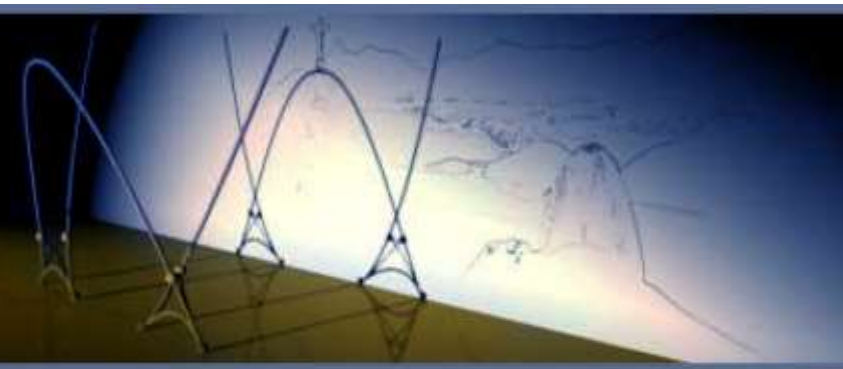
Rio de Janeiro, March 09th, 2020

Marcelo José Saia
Organizing Committee

International Meeting of young researchers in Singularity Theory and related fields
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March 02 - 07, 2020

CERTIFICATE



We hereby certify that, **Marcelo José Saia** - Inst. Ciên. Matemática e Comp. de São Carlos, participated in the *International Meeting of young researchers in Singularity Theory* & in the *IX Workshop on Algebraic Theory of Singularities*, held at IMPA, Rio de Janeiro, from March 02 – 07, 2020 and presented the following Poster: “**Affine Focal Points for Surfaces in 4-Space**”.

Rio de Janeiro, March 09th, 2020

Marcelo José Saia
Organizing Committee