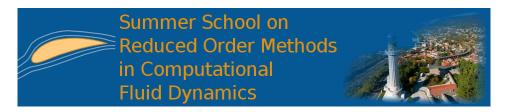Contribution ID: **92**   Type: **Poster**

Machine Learning and Optimal Transport for shape parametrisation

This work focuses on the application of methods of 3D mesh deformation in order to preserve properties of interest like volume or curvature. Results regarding Variational Autoencoders, Semi-Discrete Optimal Transport applied to simple geometries will be presented. The extension of Semi Discrete Optimal Transport to three meshes will also be discussed.

Primary author: PADULA, Guglielmo (Internship at Sissa MathLab)

Presenter: PADULA, Guglielmo (Internship at Sissa MathLab)

Session Classification: Poster blitz