

Workshop on Algebraic Geometry and Physics 2025. Moduli Spaces in
(Super)Geometry and Mathematical Physics. A celebration of Ugo Bruzzo's
70th birthday

Contribution ID: 3

Type: **not specified**

Moduli of stable super maps

Monday, 6 October 2025 09:30 (1 hour)

We construct the moduli of stable supermaps as an algebraic superstack with superschematic and separated diagonal. We prove that its bosonic reduction is an affine linear scheme over the stack of stable spin maps, so that it is not proper except in a few particular cases. We also compute the virtual dimension of the moduli superstack of stable supermaps, and prove that it coincides with previous calculations when the target of the supermaps is bosonic.

Presenter: HERNÁNDEZ RUIPÉREZ, Daniel (Universidad de Salamanca, Spain)