

# On the quaternionic motives of odd weight modular forms

Marco Seveso<sup>\*</sup>

[seveso.marco@gmail.com](mailto:seveso.marco@gmail.com)

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In this talk, we explain the construction of a motive of odd weight modular forms on the Shimura curves attached to indefinite quaternion algebras. A similar result in the even weight case is due to Iovita–Spiess. When the Shimura curve is a classical modular curve, these motives have been constructed by Scholl and our quaternionic motives should be isomorphic to a missing  $D$ -new part of them, in accordance with the Jacquet–Langlands correspondence.

*This is a joint work with Marc Masdeu.*

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<sup>\*</sup>Dept. of Mathematics “Federigo Enriques”, Università degli Studi di Milano, Via Cesare Saldini 50, 20133 Milano MI, ITALY.