

Conformal nets are geometric!

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(joint work with André Henriques)

A conformal net consists of:

- a Hilbert space \mathcal{H} , a vector $\Omega \in \mathcal{H}$
- a projective representation $U: \text{Diff}_+(S^1) \rightarrow \text{GH}$
- von Neumann algebras $\mathcal{A}(I) \subset B(\mathcal{H})$ for all intervals $I \subset S^1$



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