

# Insalate di Matematica

*presents*

## Tensor categories and superalgebras

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**11:00 - 01/06/2022**

U5 - Room 3014 and

Webex meeting

*Università di Milano Bicocca*

### **Abstract**

In this talk we review a method to construct superalgebras from algebras in characteristic 3. In order to do so, we need introduce some notions on tensor categories and concretely, on the categories of finite dimensional representations of the cyclic group of order 3 and of supervector spaces. If the time allows, we apply the method to the octonions.



### **Keywords:**

Tensor categories · superalgebras · octonions

*"Obvious" is the most dangerous word in mathematics. - Eric Temple Bell*

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