



Contribution ID: 103

Type: **Talk (30 min)**

## Sine-Gordon - a beautiful model of quantum fields

*Tuesday, 5 September 2023 16:40 (40 minutes)*

The sine-Gordon model is a paradigmatic quantum field theory due to its fascinating nonperturbative physics and integrability. Recently, it has gained direct experimental relevance in studying quantum dynamics. In this talk, I give a somewhat subjective overview of the results achieved and the challenges ahead, hoping to demonstrate that this 'beautiful model' certainly deserves continued interest.

**Presenter:** TAKACS, Gabor (Department of Theoretical Physics, Budapest University of Technology and Economics)

**Session Classification:** A nice and passionate journey in low-dimensional systems