Contribution ID: **37**   Type: **Palestra/Seminário**

Extended multi-scalar field theories in (1 + 1) dimensions

Friday 10 December 2021 14:40 (35 minutes)

In this talk, I am going to present the explicit construction of some multi-scalar field theories in
(1 + 1) dimensions supporting BPS solutions. The construction is based on the ideas of the so-called extension
method. In particular, I am going to discuss some interesting field theories constructed from non-trivial
couplings between several sine-Gordon fields.

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