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Integrability in Non-Hermitian Physics and Field Theories

Wednesday 11 September 2024 12:00 (45 minutes)

This talk will review recent developments linking integrable models, soliton theory, and field theories. Through several examples, it will illustrate how the influence of non-Hermitian physics and PT symmetry leads to new theories, integrable models, and soliton solutions. These advances have interesting applications across various fields, including classical field theories, many-particle models, and black hole physics.

Presenter: CORREA, Francisco