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## Integrable systems: a bird's-eye view

*Tuesday, December 5, 2023 9:15 AM (1 hour)* 

The notion of finite dimensional integrable systems in analytical mechanics was well established in the XIX Century. New non-linear equations appeared in applications to mathematical physics in the XX Century, which turned out to be analytically treatable and integrable. I will give an introduction to infinite dimensional integrable systems and Lax Pairs, using the KdV equation as an example.

Presenter: Prof. GUZZETTI, Davide