Friday, December 2nd (at 4.00pm, UK time)

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Title: Painlevé *and quasi-*Painlevé *equations.*

ABSTRACT

In this talk I shall speak about Painlevé and quasi-Painlevé equations, their differences and similarities.

Painlevé equations are nonlinear second order differential equations solutions of which have no movable critical points. They appear in many applications. For quasi-Painlevé equations movable critical singularities in solutions are allowed.

I shall explain some recent results, including spaces of initial conditions and polynomial Hamiltonian structure.
