

Jozef Stefan Institute, Department of Theoretical Physics

*Solid State Group Seminars*

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## **From string theory to quantum dots experiments**

Part of the string theory revolution of the 1980's was the development of conformal field theory. While its applicability as a theory of everything is still unclear, it led to solutions of models of conduction electrons interacting with magnetic impurities that predict remarkable behavior. A gated semi-conductor device was tailored to finally provide an indisputable experimental realization of this theory. I will give a non-technical review of both theory and experiments.

Friday, Oct 2, 11:00am

Seminarska soba za fiziko, Jozef Stefan Institute