



Mathematics and CS Seminar

Towards a construction of a 4 D Quantum field Theory

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Host: Robert Seiringer

I review our attempts to treat certain toy models of quantum field theory nonperturbatively. We quantize space-time too and use Ward identities to decouple Schwinger-Dyson equations. The solution of these models is reduced to ONE nonlinear integral equation. In a special limit all axioms are fulfilled (except OS positivity, which has still to be checked).

Thursday, April 26, 2018 04:00pm - 06:00pm

IST Austria Campus Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: <https://ist.ac.at/en/campus/how-to-get-here/> The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.