## VII International Conference "Models in Quantum Field Theory" (MQFT-2022)



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Type: Plenary Talk

## **RG Equations in Non-renormalizable Theories**

Monday, 10 October 2022 11:15 (45 minutes)

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RG Equations in Non-renormalizable Theories

We construct the RG equations for the scattering amplitudes and effective potential In a a set of non-renormalizable theories. We show that they are a consequence of locality rather than multiplicative renormalizability. These RG equations sum up the leading log terms in all orders of PT and allow one to explore the high energy/field behaviour.

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Track Classification: Section A: Mathematical methods in QFT