

Seminarium Zakładu Fizyki Teoretycznej

Departament Badań Podstawowych
Narodowego Centrum Badań Jądrowych

3 kwietnia 2019 r. (środa), godz.12:30

NCBJ, sala 207, **Pasteura 7**

dr Jakub Jankowski

(Wydział Fizyki UW)

„Beginners view on resurgence”

ABSTRACT:

Perturbative expansions are ubiquitous in physics, often resulting in asymptotic series with zero radius of convergence. In order for the associated observables to become nonperturbatively well-defined one needs to use theory of resurgence.

In this seminar I will give an incomers view on the theory of resurgence functions illustrating basic concepts with simplest examples. Some applications in physics will be shortly reviewed.

Serdecznie zapraszamy,

M. Kowal, W. Piechocki, J. Skalski, L. Szymanowski