



Oberseminar Stochastik

Am **Dienstag, 4. Februar 2025**, wird

Herr **Fabio Frommer (JGU)**

einen Vortrag halten mit dem Titel:

“Solutions of the Kirkwood-Salsburg equations at negative activity”

Abstract:

It is well-known that the correlation functions of grand-canonical Gibbs measures satisfy the Kirkwood-Salsburg equations. If the activity is small enough it can be shown that this solution is unique and an analytic function of the activity. We show that in this case the solution of the Kirkwood-Salsburg equations at negative activity correspond to the Janossy densities of the so-called Kirkwood-closure process. This is an extension of the existence result of Kuna et al.

Zeit: Dienstag, 4. Februar 2025, 14 Uhr c.t.

Ort: Raum 05-136, Institut für Mathematik, Staudingerweg 9, 55128 Mainz

Alle Interessierten sind herzlich eingeladen!

gez. Matthias Birkner