ID de Contribution: **104** Type: **Discussion session**

Analytically solving the Ising model in $2+\epsilon$ dimensions

lundi 10 mai 2021 11:30 (1 heure)

The analytical studies of the $d > 2$ Ising model are usually based on the ϵ expansion around $d = 4$. Since the $d = 2$ Ising model is solvable, it would be interesting to deform the $d = 2$ exact solution to $d = 2 + \epsilon$ dimensions. Some strong coupling features may be seen more clearly. I will discuss some attempts using the analytic conformal bootstrap.

Orateur: LI, Wenliang (Okinawa Institute of Science and Technology Graduate University)