Contribution ID: **12**   Type: **not specified**

The Coulomb system at the KT transition, part I

Tuesday, 9 June 2015 11:00 (1 hour)

In a recent paper http://arxiv.org/abs/1311.2237, Pierluigi Falco
derived the detailed asymptotics of the correlation function of the
critical Coulomb system in two dimensions at low density, as predicted
by Berezinskii, Kosterlitz and Thouless. In this first of a two part
lecture
we will review this result and explain some key ideas in this remarkable
achievement.

Primary author: BAUERSCHMIDT, Roland (Harvard University)

Presenter: BAUERSCHMIDT, Roland (Harvard Univ. (USA))