

Workshop on Potential Theory and Applications, 2012, Szeged, Hungary  
<http://www.math.u-szeged.hu/wspota2012/>

## **Vector equilibrium problems in random matrix theory**

Arno Kuijlaars  
(KU Leuven, Leuven)

The limiting eigenvalue distributions of certain random matrix ensembles can be described by the minimizer of a vector equilibrium problem. I will discuss a particular case of a random matrix model with external source and of a two matrix model.