



## Mathematics and CS Seminar

# On convex bodies and representation theory

**Karoly Boroczky**

Renyi Institute and CEU, Budapest

Host: Tamas Hausel

The notion of "valuations" on convex bodies in the Euclidean space originates from Dehn's solution of Hilbert's problem of equidissectability of polytopes of equal volume. Typical examples are volume or the number of lattice points inside, and in general, the interesting question is to understand the ones intertwining some classical group. We discuss relations of this notion to representation theory and toric varieties.

**Thursday, November 23, 2017 01:00pm - 03:00pm**

Big Seminar room Ground floor / Office Bldg West (I21.EG.101)



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