



## Seminar/Talk

# Arithmetic Properties of Special Cycles on Unitary Shimura Varieties

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Host: Tamas Hausel

We discuss recent results on the arithmetic properties of special cycles on unitary Shimura varieties. We explain how these results lead to certain norm-compatibility relations similar to the relations satisfied by classical cyclotomic units and Heegner points, thus leading to a higher-dimensional construction of an Euler system. The latter is useful in the study of the higher-dimensional analogues of the Birch and Swinnerton-Dyer conjecture and its links to the Langlands program.

**Wednesday, May 10, 2017 01:45pm - 03:45pm**

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



This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station.

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