



## Mathematics and CS Seminar

# K3 surfaces with complex multiplication and their twistor space

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Host: Tamas Hausel

I will review the notion of CM for K3 surfaces. For this type of K3 surfaces the theory is well developed and we will mention some of the more recent results. The main focus of the talk will be on the behavior of CM K3 surfaces in twistor family. The latter is a transcendental notion and it is somewhat surprising that certain arithmetic/algebraic properties are preserved at all.

**Thursday, December 12, 2019 01:30pm - 03:30pm**

Heinzel Seminar Room / Office Bldg West (I21.EG.101)



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

Please find a schedule of the ISTA Shuttle on our webpage:

<https://ista.ac.at/en/campus/how-to-get-here/> The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.