



## Mathematics and CS Seminar

# On Erdos's sunset conjectures

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Host: Tim Browning

In the 1970's Erdos asked several questions about what kind of infinite arithmetic structures can be found in every set of natural numbers with positive density. In recent joint work with Bryna Kra, Joel Moreira, and Donald Robertson we use ergodic methods to resolve some of these long-standing problems. This talk will provide an overview of our results and describe some of the dynamical structures that are used to prove them

**Thursday, May 25, 2023 01:00pm - 03:00pm**

Heinzel Seminar Room (I21.EG.101), Office Building West, ISTA



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.