



## Seminar/Talk

# GeomTop Seminar: On the Chromatic Number of Kneser Graphs and Hypergraphs and Their Variants

**Amir Jafari**

Host: Uli Wagner

On the Chromatic Number of Kneser Graphs and Hypergraphs and Their Variants."",abstract = ""Some topological, combinatorial and algebraic methods to derive bounds for chromatic number of Kneser graphs and hypergraphs will be presented. We will review the original methods of Lovasz using topology and their extensions by Alon and Frankl to hypergraph version of Kneser graph. We present some other variants of Kneser graphs and hypergraphs and discuss some bounds on their chromatic numbers.The results are obtained jointly with collaboration of Sharareh Alipour, Soheil Azarpensar and Javad Moghaddam Zadeh.

**Wednesday, August 14, 2019 01:00pm - 02:15pm**

Mondi Seminar Room 3, Central Building



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.