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Der Wissenschaftsfonds.

The logo for Johannes Kepler University Linz (JKU) features the letters 'JKU' in a bold, black, sans-serif font, with 'JOHANNES KEPLER UNIVERSITÄT LINZ' written in a smaller font below it.

Online talk series

It is a pleasure to announce a guest lecture with the title

The Orbital Circle Method

joint work with Jean Bourgain, Misha Kapovich and Kei Nakamura

SPEAKER: Alex Kontorovich

TIME: Wednesday, 21.10.2020, 05:30 pm.

Abstract: We describe in broad terms the strategy for the orbital circle method. The precise execution of these ideas is an art, not a science, and is done on a case by case basis. Some key general ingredients are: congruence towers of certain Cayley graphs being expander families, effective counting uniformly in such towers, and orbital exponential sum estimates in the minor arcs.

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