

Department of Mathematics, BGU

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# Logic, Set Theory and Topology

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*On Tuesday, January 3, 2017*

*At 12:15 – 13:30*

*In Math -101*

SALMA KUHLMANN (KONSTANZ)

will talk about

## **The Baer-Krull Theorem for Quasi-ordered fields**

ABSTRACT: In my seminar talk on 29.12.2015, I introduced the notion of quasi-ordered fields, proved Fakhruddin's dichotomy. In this talk, I will present a version of a classical theorem in real algebra (the Baer-Krull theorem) for quasi-ordered fields.