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Einladung zu einem Vortrag  
im Rahmen des DK-Seminars des Karl Popper Kollegs von

Austin Antoniou  
(Ohio State University in Columbus, Ohio)  
zum Thema  
**From Classical to Non-Cancellative Factorization Theory**

Ort: I.2.01 der Universität Klagenfurt

Zeit: Mittwoch 11. April 2018, um 10:00 Uhr

*Kurzfassung:*

I will discuss (briefly) the historical motivations of the study of non-unique factorizations then the various factoriality properties a monoid can have, from strongest to weakest. Finally, as an example of the complications that can arise in the non-cancellative case, I will discuss power monoids, a fairly new class of monoids which connects the study of factorizations to arithmetic combinatorics.

Das Institut für Mathematik freut sich auf Ihren Besuch.

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