Einladung zum Gastvortrag

Wir möchten Sie recht herzlich zum Vortrag, mit dem Titel *"On bases of canonical number systems in cyclotomic fields "*, von DI Dr. Volker Ziegler einladen.

DATUM: Dienstag, 10. Februar 2015
ZEIT: 13:45 Uhr
ORT: Science Park 3, S3 055, JKU Linz

On bases of canonical number systems in cyclotomic fields

DI Dr. Volker Ziegler
Universität Salzburg

Abstract

This talk is on a series of papers joint with Manfred Madritsch. Starting with g-adic expansions we introduce the concept of canonical number systems. This will lead us quickly to the question how to find bases for such canonical number systems. In a recent series of papers joint with Manfred Madritsch we attempted to answer this question for cyclotomic fields. In view of α-recognizable sets and a Theorem due to Hansel and Safer we are also interested in the question which pairs of bases of canonical number systems (α, β) are multiplicatively independent.