**Universität Konstanz**

**Fachbereich
Mathematik und Statistik**

**Andrea Barjasic**

Universitätsstraße 10
Telefon: (075 31) 88-25 72
Telefax: (075 31) 88-47 97
E-Mail: Andrea.Barjasic@uni-konstanz.de

Universität Konstanz · Fach 203 · 78457 Konstanz

Datum: 15. November 2016

# Einladung

Im Rahmen des Allgemeinen Mathematischen Kolloquiums hält

## Herr Prof. Dr. Ilya Molchanov
## (Universität Bern)

am **Donnerstag , dem 24. November 2016**, einen Vortrag zum Thema:

## The semigroup of metric measure spaces and its infinitely divisible measure

Der Vortrag findet um **17:00 Uhr** in Raum **F 426** statt.

Alle Interessenten sind herzlich eingeladen.

Andrea Barjasic
Beauftragte für das Kolloquium

**Abstract:**

The family of metric measure spaces can be endowed with the semigroup operation being the Cartesian product. The aim of this talk is to arrive at the generalisation of the fundamental theorem of arithmetic for metric measure spaces that provides a unique decomposition of a space into prime factors. These results are complementary to several partial results available for metric spaces (like the de Rham theorem on decomposition of manifolds). Finally, the infinitely divisible and stable laws on the semigroup of metric measure spaces are characterised.
Joint work with Steve Evans (Berkeley)

(Jamneshan)