



Mathematics Colloquium of the University of Luxembourg

in cooperation with the
Luxembourg Mathematical Society

Tuesday 15th of November 2016, at 4 pm

Campus Kirchberg, Room B2

Professor Gunther Cornelissen

Universiteit Utrecht, The Netherlands

Gunther Cornelissen is Professor for Geometry and Number Theory and Head of Mathematics at Utrecht University in The Netherlands. He likes to connect number theory, algebraic geometry and noncommutative geometry in new ways, with occasional digressions into logic and mathematical physics. Before joining Utrecht, he worked in Gent and Bonn, and visited Warwick and Caltech, where he held the Charles de Prima lecture.



Differential geometric methods in number theory

I will explain that, for solving a polynomial equation (such as Fermat's equation) in integers, it can be helpful to use tools from the mathematical theory of soap bubbles, or from the mathematical theory of networks.

Coffee, tea and croissants: 15:30 just outside the room B2.

Time and place: 16:00 (4 p.m.) in the room B2 of the main building on Kirchberg.

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Coordinator: Alexander D. Rahm