UNIVERSITÄT SALZBURG

Four Colours Suffice

**Die Fachbereiche Computerwissenschaften &
Mathematik
der Paris Lodron Universität Salzburg**

laden am

Dienstag, 12. Dezember 2017 um 17:00 Uhr

im Hörsaal T03 des Fachbereichs Computerwissenschaften,
Jakob-Haringer-Straße 2,

im Zuge des DSP – Modelle, Algorithmen, Rechner und Systeme zum
Gastvortrag
von

Prof. Robin Wilson

ein.

Univ.-Prof. Dr. Robert Elsässer
Host

Univ.-Prof. Dr. Andreas Schröder
Host

In this talk I present the history of the Appel-Haken proof of the four-colour theorem:

Can every map be coloured with just four colours so that neighbouring countries are coloured differently?

A proof of this result took 124 years to find, and used 1200 hours of computer time. But what did it involve, and is it really a proof?

Zur Person Robin Wilson:

Robin Wilson *is an Emeritus Professor of Pure Mathematics at the Open University, Emeritus Professor of Geometry at Gresham College, London, and a former Fellow of Keble College, Oxford University. He is currently a Visiting Professor at the London School of Economics. A former President of the British Society for the History of Mathematics, he has written and edited about 40 books on the history of mathematics, including Lewis Carroll in Numberland, and also on graph theory, including Introduction to Graph Theory and Four Colours Suffice. Involved with the popularization and communication of mathematics and its history, he has been awarded the Mathematical Association of America's Lester Ford award and Pólya prize for his 'outstanding expository writing'. He has Erdős Number 1.*