Bridges between mathematics and its applications

Natasa Conrad and Nils Waterstraat

In this semester we are starting a new series of lectures on "Bridges between mathematics and its applications". The idea of the talks are to show how traditional, abstract mathematical areas (like topology, geometry, number theory) are connected to modern math fields, such as data analysis, complex networks, biometry and many more.

If you

- are coming from a theoretical area of mathematics and are interested in modern applications of your field or vice versa;

- would like to see how your work is connected to other areas of math, but also life sciences, sociology, politics etc.

- want to learn about different aspects of various math fields;

then join us on by attending lectures and/or presenting a talk.

The first talks of this lecture series are

- "The spectral flow in variational bifurcation theory" given by BMS Postdoc Nils Waterstraat on Thursday 20 November at 5pm at the Matheon Lounge (TU, MA 315),

- "Some tools from Geometry and Topology in Data Analysis" given by BMS postdoc Mijail Guillemard on Friday 5 December at 2pm at FU Berlin, Pi Building (Arnimallee 6), Room 126

and they will be followed by a third talk in January. We are going to continue our discussions after the talks and getting to know each other with some food and drinks in the area.

We are looking forward to seeing you!