## Junior Professor Caroline Lausseur, Faculty of Mathematics, TU Kaiserslautern and RWTH Aachen University

Title: Permutation modules in the representation theory of finite groups

## Abstract:

In this talk we will survey permutation representations and the central role they play in the representation theory of finite groups.

In a second part, I will describe a current project of my working group aiming at creating a computer-based database of such representations for finite groups which are "small" in different interpretations.