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# The Symmetric Group: Mysteries and Miracles

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This talk will be about the representation theory of finite groups. Having the symmetric group as our starting point, we will move to discussing certain families of finite groups, such as Weyl groups, reflection groups and finite groups of Lie type. A wrong conjecture and the Greek island of Spetses may come up during this discussion, as well as finite Hecke algebras and their applications to other mathematical theories.