Department of Mathematics Seminar

Constructions of Lefschetz fibrations using cyclic group actions

By

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Abstract: We construct families of Lefschetz fibrations over S2 using finite order cyclic group actions on the product manifolds ΣgxΣg for g >0. We also obtain more families of Lefschetz fibrations by applying the rational blow-down operation to these Lefschetz fibrations. This is joint work with Anar Akhmedov.

Date: March 26, 2019 Tuesday
Time: 13:40
Place: SA141 Mathematics Seminar Room

* Tea and cookies will be served after the talk. All are most cordially invited.