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IMBM GEOMETRY/TOPOLOGY MEETINGS

ON THE GEOGRAPHY OF SIMPLY CONNECTED, NONSPIN, SYMPLECTIC 4-MANIFOLDS WITH POSITIVE SIGNATURE

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Abstract

We construct simply connected, irreducible, nonspin, symplectic 4-manifolds that have the smallest Euler characteristics among the all known simply connected 4-manifolds with positive signature and with more than one smooth structure. This is a joint work with Anar Akhmedov.

Date : Tuesday, July 13, 2015

Time: 11:00

Place: IMBM Seminar Room, Boğaziçi University South Campus