

SCIENTIFIC REPORT OF DANIELE ZUDDAS

Short Visit Grant

Reference number 4022

My visit at the University of Seville was from 11 to 18 June 2011. The main activity during this visit was to attend to the international conference 'Braids in Seville 2011' which included four mini-courses given by John Etnyre, Volker Gebhardt, Dan Margalit and Luis Paris. Also there were 15 seminars given by experts in the fields of braid groups and mapping class groups.

The organization of the conference was very nice and the activity very stimulating. The many ideas I acquired give me the possibility to start a new research project about a connection between stable maps from a 3-manifold to the 2-sphere and contact geometry. Also, stable maps could be useful to study the topology of symplectic 4-manifolds with contact boundary (i.e. symplectic fillings of contact 3-manifolds).

Cagliari, 19 June 2011


Daniele Zuddas