

11th ALGA Meeting

Maresias, São Paulo, from 10/16 to 10/22.

Speaker: Michela Artebani (U. Concepción, Chile)

Title: Mirror symmetry for K3 surfaces

Abstract: In 1993 Berglund and Hubsch proposed a very explicit mirror symmetry construction for certain Calabi-Yau hypersurfaces in weighted projective spaces. In this talk we will show how this construction can be applied to K3 surfaces with a non-symplectic involution, giving essentially the same mirror correspondence introduced by Dolgachev and Voisin for lattice-polarized K3 surfaces. This is a joint work with Samuel Boissière and Alessandra Sarti.