

## SINGULAR FIBERS OF DIFFERENTIABLE MAPS AND LOW DIMENSIONAL TOPOLOGY

PROF. OSAMU SAEKI

In these talks, the notion of singular fibers of differentiable maps is introduced, based on the singularity theory, and it is used to study the topology of manifolds, especially low-dimensional cobordisms.

The talks are basically introductory, and are intended for general audience.

Lecture co-financed by the European Union in scope of the European Social Fund