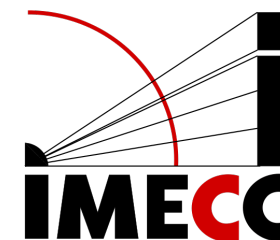# V Workshop in Stochastic Analysis and Applications

IMECC - Unicamp

July 31st to August 2nd, 2024

Andrey Chen
Unicamp

On energy methods for Stochastic Navier-Stokes and global well-posedness

Abstract

We discuss solutions to the singular stochastic Navier-Stokes equation, driven by perturbations of space-time white noise. We prove global well-posedness of the equation for suitable initial data following the trick of Da Prato-Debussche and close the energy estimates with a suitably chosen decomposition of scales.