

# MTH Seminar

## Small-scale creation in incompressible fluid models

**Jeong, In-Jee**  
**(Seoul National University)**

**March 25, 2021(Thu) 16:00~17:15**

Zoom ID: 898 3710 1313(PW: 1882)

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We introduce the incompressible Euler and Navier-Stokes equations, which describe the dynamics of volume preserving fluids. Recently there has been significant progress on rigorous proofs of "small scale creation" for these incompressible fluid models. We explain the main difficulties in deriving such results and how they can be handled in certain situations.