

2017 Shanks Workshop on Mathematical Aspects of Fluid Dynamics
Vanderbilt University
April 8-9, 2017

Saturday, April 8

- 08:30-09:00 Registration, Coffee
- 09:00-09:50 **Giovanni P. Galdi:** Self-oscillations of a Navier-Stokes liquid past a body
- 10:00-10:50 **Eugene Wayne:** Stability and metastability in two-dimensional fluids
- 11:00-11:30 Coffee
- 11:30-12:20 **Hans Lindblad:** The motion of the free surface of slightly compressible liquid and the incompressible limit
- 12:20-02:30 Lunch break
- 02:30-03:20 **Philip Isett:** A proof of Onsager's conjecture for the incompressible Euler equations
- 03:30-04:20 **Susan Friedlander:** Asymptotics for magnetostrophic turbulence in the Earth's fluid core
- Contributed talks:**
- 04:30-06:00 Khalid Alanezy
Jingrui Cheng
Theodore D. Drivas
Mehdi Karzar Jeddi
Haoxiang Luo
Yuanzhen Shao
- 06:30-8:00 Reception ([Vanderbilt University Fine Arts Gallery-Cohen Hall](#))

Sunday, April 9

- 09:00-9:30 Coffee
- 09:30-10:20 **Mikhail Feldman:** Uniqueness for shock reflection problem
- 10:30-11:20 **Magdalena Czubak:** The fluid equations on negatively curved manifolds