Summer School and Workshop ”Recent Advances in PDEs and Fluids”, August 5-18, 2013

Schedule

Monday, August 5
10:00-11:00am Vladimir Sverak,
11:15-12:15 Vladimir Sverak,
2:00-3:00 Tom Hou
3:15-4:15 Laurent Cohen “Extraction of tubular and tree structures in biomedical images using minimal paths and tubular models”

Tuesday, August 6
10:00-11:00am Tom Hou,
11:15-12:15 Tom Hou,
2:00-3:00 Vladimir Sverak
3:15-4:15 Luis Silvestre “On equations with drift and diffusion”
4:30-5:30 Charles Epstein ”A Complex Structure on Solutions of Maxwell’s Equation, and Beltrami Fields”

Wednesday, August 7
10:00-11:00 Vladimir Sverak,
11:15-12:15 Vladimir Sverak,
2:00-3:00 Tom Hou
3:15-4:15 Olga Turanova, Tristan Buckmaster, Michele Zelati, Adina Ciomaga

Thursday, August 8
10:00-11:00 Benoit Perthame,
11:15-12:15 Benoit Perthame,
2:00-3:00 Tom Hou
3:15-4:30 Jessica Lin, King-Yeung Lam, Kazuo Yamazaki, Zachary Bradshaw

Friday, August 9
10:00-11:00 Benoit Perthame,
11:15-12:15 Benoit Perthame
2:00-3:00 Koji Ohkitani ”Long-time asymptotics of the non-stationary Leray equations”
3:15-4:30 Xiaoqian Xu, Xu Xiang, Cy Maor, Anne Bronzi, Alexander Lorz
Monday, August 12
10:00-11:00 Felix Otto,
11:15-12:15 Felix Otto,
2:00-3:00 Benoit Perthame,
3:15-4:15 Sasha Kiselev “Enhancement of biological reactions by chemotaxis”
4:30-5:30 Cheng Yu, Amani Zalzali, Mimi Dai, Miles Wheeler

Tuesday, August 13.
10:00-11:00 Peter Constantin,
11:15-12:15 Peter Constantin,
2:00-3:00 Felix Otto,
4:30-5:30 Kevin Schenthal, Deniz Bilman, Hao Jia, Kyudong Choi

Wednesday, August 14,
10:00-11:00 Peter Constantin,
11:15-12:15 Peter Constantin,
2:00-3:00 Felix Otto,
4:30-5:30 Cedric Villani ”Long time dynamics in classical systems”

Thursday, August 15,
10:00-11:00 Peter Constantin,
11:15-12:15 Felix Otto
2:00-3:00 Vlad Vicol
3:15-4:15 Roman Shvydkoy “Analytical approach to intermittency in a fully developed turbulence”
4:30-5:30 Slim Ibrahim, Yu Gu, Vincent Martinez, Will Feldman