



## Workshop on Mean Curvature Flow and related topics

### Program



All lectures will be held in Sophus-Lie-Seminarraum (A 01),  
Max Planck Institute for Mathematics in the Sciences (Leipzig, Inselstraße 22).

#### Monday, March 21, 2005

- 09:00 - 10:00 **Carlo Sinestrari** (*Università degli Studi di Roma Tor Vergata, Italy*)  
Mean curvature flow with surgeries of 2-convex hypersurfaces
- 10:30 - 11:30 **Julie Clutterbuck** (*Freie Universität Berlin, Germany*)  
Interior gradient estimates for anisotropic mean curvature flow
- 11:30 - 13:30 *Lunch break*
- 13:30 - 14:30 **Mu-Tao Wang** (*Columbia University, USA*)  
Deforming graphs of maps by the mean curvature flow
- 15:00 - 16:00 **Kashif Rasul** (*Freie Universität Berlin, Germany*)  
Slow convergence of complete graphs under MCF

#### Tuesday, March 22, 2005

- 09:00 - 10:00 **Richard Hind** (*University of Notre Dame, USA*)  
Dehn twists and Lagrangian isotopies of 2-spheres
- 10:15 - 11:15 **Andre Neves** (*Stanford University, USA*)  
Singularities of Lagrangian mean curvature flow
- 11:30 - 12:30 **Konrad Groh** (*MPI MiS, Germany*)  
Equivariant Lagrangian mean curvature flow

#### Wednesday, March 23, 2005

- 09:00 - 10:00 **Adrian Butscher** (*University of Toronto, Canada*)  
Conditions for the Construction of Higher-Genus Special Legendrian Surfaces in  $S^5$  using Gluing Techniques
- 10:30 - 11:30 **Yuri Chekanov** (*Moscow Center for Continuous Mathematical Education, Russia*)  
Lagrangian tori in  $\mathbb{R}^{2n}$
- 11:30 - 13:30 *Lunch break*
- 13:30 - 14:30 **Oliver Schnürer** (*Freie Universität Berlin, Germany*)  
Contracting and Expanding Convex Surfaces
- 15:00 - 16:00 **Felix Schulze** (*Freie Universität Berlin, Germany*)  
Convexity estimates for flows of hypersurfaces by powers of the mean curvature

#### Date and Location

**March 21 - 23, 2005**  
Max Planck Institute for Mathematics in the Sciences  
Inselstraße 22  
04103 Leipzig  
Germany  
[see travel instructions](#)

#### Scientific Organizers

**Matthias Schwarz**  
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MPI MiS Leipzig and  
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#### More information

- [Conference Homepage](#)
- [Participants](#)
- [Program](#)