

IGDK Students' Summer Workshop 2016

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September 19.-23., 2016

Location

Location: Monastery at Frauenchiemsee

Date: **September 19.-23., 2016**

Timetable

Day	time slot	activity
Sunday 18.09.		arrival in the location
Monday 19.09.	09:00 - 10:30	introduction of the groups
	10:30 - 12:30	group work
	14:00 - 19:00	group work
Tuesday 20.09.	09:00 - 12:30	group work
	14:00 - 15:00	journal club
	15:00 - 19:00	group work
Wednesday 21.09.	09:00 - 12:30	group work
	14:00 - 20:00	social trip
Thursday 22.09.	09:00 - 12:30	group work
	14:00 - 15:00	journal club
	15:00 - 19:00	group work
Friday 23.09.	till 09:00	checkout
	09:00 - 12:30	presentation of results
	15:00	departure

General Objectives of Workshop

- ▶ Bring together all students from Munich and Graz
- ▶ Improve scientific collaboration
- ▶ Practice team work in small groups

Group projects:

- ▶ Interesting mathematical problems that can be tackled within one week.
- ▶ Topics are proposed by doctoral candidates.
- ▶ Topics do not have to be directly related to the PhD projects.
- ▶ Group work can be basis for joint publication.

Group projects: Topics of 2015

Last year's topics...

1. Parameter Estimation Problems in Physically Based Image Processing
2. Sparsity Helmholtz equation
3. Characterization of $(d - 1)$ -sets and Besov spaces
4. Symbol of the Hessian

Journal Club

Aim: Scientific discussion on project related topic.

Each group presents

- ▶ the idea of a paper, an **interesting** concept, a nice proof,... related to the group project,
- ▶ in about **30 minutes**,
- ▶ on the **flip chart/tablet**.

You are **free** what and how to present!!!

Group projects: Time Schedule

Day	Activity	
18.07.	Presentation of Topics	✓
20.07.	Formation of Groups	
	Literature research	
1 st half August	First group meeting and final agreement on project outline and journal club	
2 nd half August	Writing Proposal	
31.08.	Deadline for Proposal submission	
1 st half September	Review of Proposal by PostDocs	
19.09.-23.09.	Workshop	

Group projects: Proposals

The proposal should cover the following questions:

- ▶ What is the problem and the **motivation**?
- ▶ What is the projects **objective**?
- ▶ **How** are you going to tackle the problem?

Write the proposal as if you had to apply for a research grant (e.g. DFG, FWF). It should have 2-4 pages (DIN A4) including references, formulas, etc.

All group members are equally **responsible** for the proposal and the project organisation. Deadline for submission is **31.08.2016**.

All proposals will be reviewed by IGDK PostDocs.

Further Information

Individual transport to Gstadt am Chiemsee. There we will take the ferry to Frauenchiemsee.

Social Trip: Any ideas?