



Program of the DK Statusseminar in Strobl October 3-5, 2012

Location: bifeb) St. Wolfgang, Bürglstein 1-7, A-5350 Strobl

● Wednesday, October 3

Beginning

12:00

LUNCH



Introduction

13:45 – 13:50

P. Paule

Self-introductions and Progress Reports (15' talk + 5' discussion)

13:50 – 14:10

Georg Grasegger (DK11)

14:10 – 14:30

Peter Gangl (DK4)

14:30 – 14:50

Liangjie Ye (DK6)

14:50 – 15:10

Taimoor Khan (DK10)

15:10 – 15:25

BREAK

End Reports (25' talk + 15' discussion)

15:25 – 16:05

Clemens Hofreither (DK4)

16:05 – 16:45

Michael Kolmbauer (DK4)

16:45 – 17:00

BREAK

Interdisciplinary Research Seminar (continuation of the seminar on June 21)

17:00 – 18:00

Symbolic Computing in Multiharmonic Finite Element
Analysis and Solvers

Numerics: group Langer, group Zulehner, Kraus,..

Symbolics: group Paule, group Schicho,..

18:00

DINNER

● Thursday, October 4

Invited DK4 Talks (20´ talk + 5´ discussion)

09:00 – 09:25	Johannes Kraus
09:25– 09:50	Dirk Pauly
09:50 – 10:15	Irwin Yousept
10:15 – 10:40	Kirk Soodhalter
10:40 – 11:00	BREAK

Self-introductions and Progress Reports (15´ talk + 5´ discussion)

11:00 – 11:20	Zijia Li (DK9)
11:20 – 11:40	Gábor Kiss (DK3)
11:40 – 12:00	Wolfgang Krendl (DK12)
12:00	LUNCH

Self-introductions and Progress Reports (15´ talk + 5´ discussion)

14:00 – 14:20	Daniel Gerth (DK8)
14:20 – 14:40	Ismael Bleyer (DK8)
14:40 – 15:00	Monika Wolfmayr (DK4)
15:00 – 15:15	BREAK

Progress Reports (15´ talk + 5´ discussion)

15:15 – 15:35	Markus Kollmann (DK12)
15:35 – 15:55	Manuela Wiesinger-Widi (DK1)
15:55 – 16:15	Hamid Rahkooy (DK1)
16:15 – 16:45	BREAK

Interdisciplinary Research Seminar (continuation of the seminar on May 21)

16:45 – 17:45	Interpolation by Harmonic Polynomials Based on Radon Projections: Numerics: group Langer, Georgieva,.. Symbolics: group Paule, group Schicho,..
18:00	DINNER
19:15	11th DK Faculty Meeting (DK project leaders and other DK faculty members)

● Friday, October 5

End Reports (25' talk + 15' discussion)

09:00 – 09:40 Stefan Takacs (DK12)

09:40 – 10:20 Christian Dönch (DK11)

10:20 – 10:40 BREAK

NEW: Interdisciplinary Research Seminar (proposed by U. Langer)

10:40 – 11:50 Interdisciplinary Seminar on Geometric Aspects:

Numerics: group Jüttler, group Langer,..

Symbolics: group Schicho, group Winkler,..

Topics:

* CAD bei elektrischen Maschinen: Fohler

* Geometrische Aspekte beim Formoptimieren: Gangl, Krendl

* Topologieoptimierung: Gangl

* Geometrische Aspekte bei der DG-IGA-Implementierung

Conclusion

11:50 – 11:55

12:00 LUNCH