

Dagstuhl Seminar 24241
Geometric modeling: Challenges for
Additive Manufacturing, Design and Analysis
(June 09 – June 14, 2024)

Program version 2.5 – June 11, 2024

Organizers:

- [Tor Dokken](#) (SINTEF - Oslo, NO)
- [Xiaohong Jia](#) (Chinese Academy of Sciences, CN)
- [Géraldine Morin](#) (IRIT - University of Toulouse, FR)
- [Elissa Ross](#) (Metafold 3D - Toronto, CA)

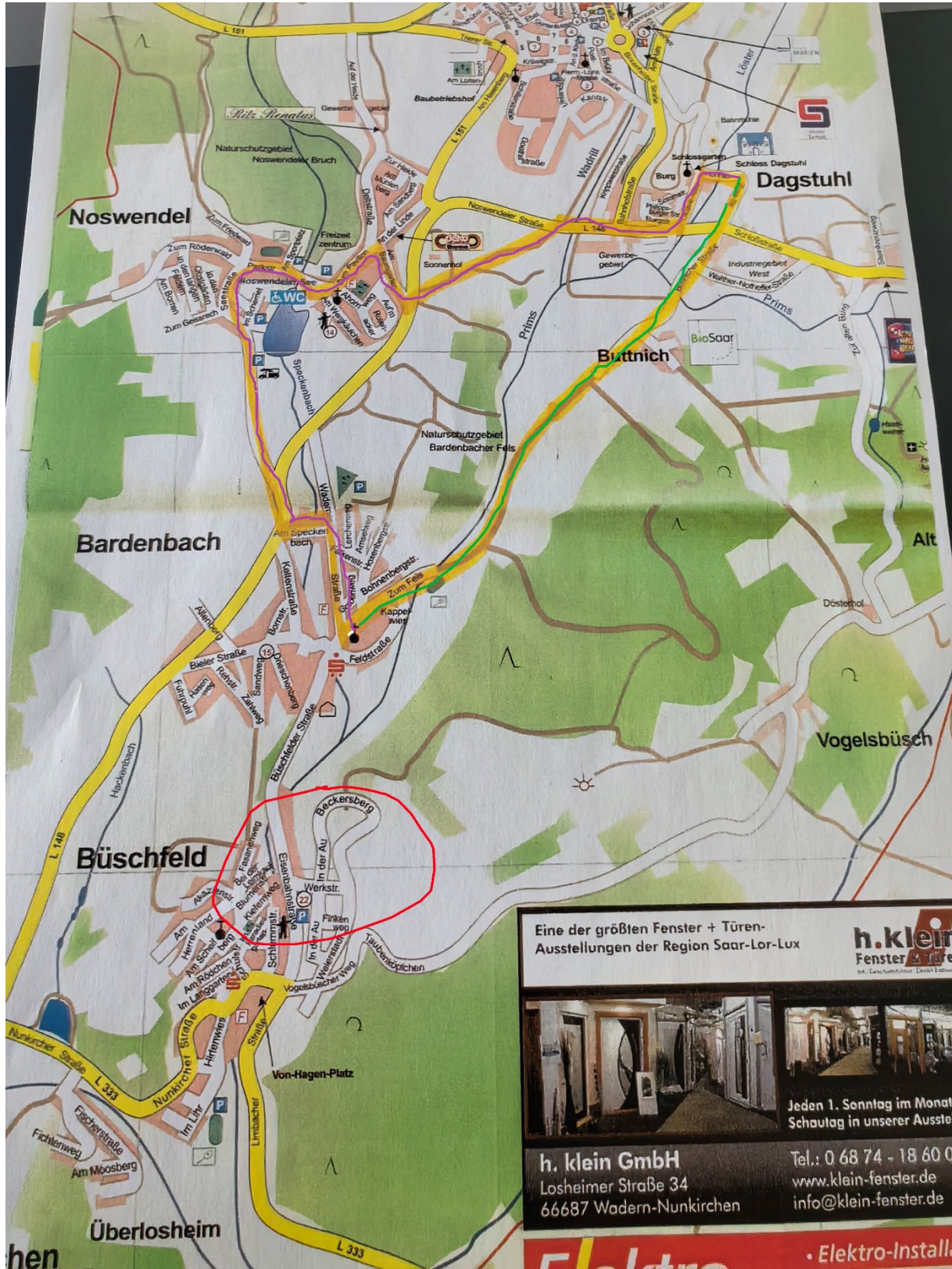
Monday 10.06.2024	
Breakfast 07:30-08:45	
Session 1 (09:00-10:30) Chair: Géraldine Morin	Introduction and Fast Forward
Coffee break (10:30—11:00)	
Session 2 (11:00-12:15) Chair: Helmut Pottmann	Computational Design – Presentation by young researcher trained in Marie-Curie PhD-networks. - Konstantinos Gavriil - Shahroz Khan
Lunch (12:15-14:00)	
Session 3 (14:00-15:30) Chair: Falai Chen	Introduction to CAGD - Gershon Elber - Jorg Peters
Coffee break (15:30—16:00)	
Session 4 (16:00-17:30) Chair: Baldwin Nsonga	Introduction to AM - Elissa Ross - Daniele Panozzo - Massimo Carraturo
Dinner (18:00)	

Tuesday 11.06.2024	
Breakfast 07:30-08:45	
Session 5 (09:00-10:30) Chair: Tor Dokken	Design Optimization (4 talks) <ul style="list-style-type: none"> - Caitlin Mueller - Suraj Musuvathy - Daniele Panozzo - Jeff Poskin
Coffee break (10:30—11:00)	
Session 6 (11:00-12:15) Chair: Konstantinos Gavriil	Perspective working group -- Design Optimization
Lunch (12:15-14:00)	
Session 7 (14:00-15:30) Chair: Tom Lyche	Splines Part I: <ul style="list-style-type: none"> - Ulrich Reif - Carlotta Giannelli - Felix Scholz - Dominik Mokriš
Coffee break (15:30—16:00)	
Session 8 (16:00-17:30) Chair: Panagiotis Kaklis	FEM IgA Robotics <ul style="list-style-type: none"> - Tae-wan Kim - Espen Sande - Scott Schaefer - Yongjie Jessica Zhang
Dinner (18:00)	
Wednesday 12.06.2024	
Breakfast 07:30-08:45	
Session 9 (09:00-10:30) Chair:	Additive Manufacturing <ul style="list-style-type: none"> - Stefan Kollmannsberger - Gunnar Schulze - Jianmin Zheng - Falai Chen
Coffee break (10:30—11:00)	
Session 10 (11:00-12:15) Chair:	Perspective working group: AM
Lunch (12:15-13:45)	
Start 13:45: Hike, see info at the end of the file.	
Dinner (18:00)	

Thursday 13.06.2024	
Breakfast 07:30-08:45	
Session 11 (09:00-10:30) Chair:	Analysis & CAGD <ul style="list-style-type: none"> - Kai Hormann - Hans Hagen - Bert Jüttler - Jiri Kosinka
Coffee break (10:30—11:00)	
Session 12 (11:00-12:15) Chair:	Perspective working group: Splines & IgA
Lunch (12:15-14:00)	
Session 13 (14:00-15:30) Chair:	Analysis & CAGD II <ul style="list-style-type: none"> - Zoë Marschner - Géraldine Morin - Péter Salvi - Xiaohong Jia
Coffee break (15:30—16:00)	
Session 14-a (16:00-17:15) Chair:	CAGD & Algebra <ul style="list-style-type: none"> - Ron Goldman - Georg Muntingh - Tor Dokken
Session 14-b (17:15-17:30) Chair: Jorg Peters	John Gregory Award
Dinner (18:00)	

Friday 14.06.2024	
Breakfast 07:30-08:45	
Session 15 (09:00-11:00) Chair:	Splines & IgA <ul style="list-style-type: none"> - Jorg Peters - Panagiotis Kaklis - Tom Lyche - Maria Lucia Sampoli
Coffee break (11:00—11:30)	
Session 16 (11:30-12:15)	Discussions
Lunch (12:15-14:00)	
Departure	

The purple curve is the path from Dagstuhl, and the place inside the red circle is a restaurant/coffee. We can follow the green path to get back. To the restaurant is around 7 km and going back is shorter.



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Jeden 1. Sonntag im Monat
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