

## Program of the DK Statusseminar in Strobl September 22 to 24, 2021

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



### ● **Wednesday, September 22**

12:30	LUNCH
14:00 – 14:10	<b>Opening</b> Veronika Pillwein
14:10 – 14:55	Andreas Schafelner (DK4) Space-time Finite Element Methods
14:55 – 15:40	Philipp Nuspl (DK15) On $C^2$ -finite sequences
15:40 – 16:00	BREAK
16:00 – 16:45	Koustav Banerjee (DK6) Inequalities for the modified Bessel function of first kind
16:45 – 17:30	Jiayue Qi (DK9) The moduli space of $n$ points on the projective line
17:30 – 18:15	Martin Schwalsberger (DK8) Karzmarz methods in atmospheric tomography
	DINNER

## ● Thursday, September 23

09:00 – 10:00	Nicolas Smoot (DK6)
10:00 – 10:30	BREAK
10:30 – 12:00	Joachim Schöberl (Invited Talk) NGSolve - A Finite Element Package for Teaching and Research
	LUNCH
14:00 – 14:45	Amira Meddah (DK14) A general stochastic hybrid model for low grade glioma growth
14:45 – 15:30	Dany Rios Rodas (DK3)
15:30 – 16:00	BREAK
16:00 – 16:45	Alessandro Giust (DK3) Local Projectors for (Truncated) Hierarchical B-splines and their Application to Weighted Isogeometric Collocation
16:45 – 17:05	Lukas Weissinger (DK8) Self Introduction
17:05 – 17:15	BREAK
17:15 – 18:15	<b>Open Problem Session</b>
	DINNER
TBD	29th Faculty Meeting (DK project leaders)

## ● Friday, September 24

9:00 – 9:45	Gargi Mukherjee (DK13) Order-Degree-Height Surfaces for Linear Operators
9:45 – 10:30	Rainer Schneckenleitner (DK4) Analysis and Applications of IETI-DP solvers
10:30 – 11:00	BREAK
11:00 – 11:45	Maryeme Ouafoudi (DK14) As Soon as You Taste It
11:45	<b>Closing</b> Veronika Pillwein  LUNCH