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Siegmundsburg Seminar on
Analysis & Theoretical Numerics
July 20–22, 2o12, Siegmundsburg/Thuringia

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Friday, July 20, 2o12

	individual travelling to Siegmundsburg
17:00 – 17:35	**Christian Richter** (Jena)
	"Intersections of balls and sets of constant width in normed spaces of finite dimension"
17:40 – 18:15	**Heidi Weyhausen** (Jena)
	"Asymptotic behavior of average L_p-discrepancies."
18:30 – 19:30	*Dinner*

Saturday, July 21, 2o12

8:00 – 9:00	*Breakfast*
9:00 – 9:35	**Merey Sautbekova** (Astana/Jena)
	"Application of WA-functions of Distribution of Kravchenko-Rvachev for Digital Signal Processing."
9:40 – 10:15	**Rastislav Ol'hava** (Prague)
	"Asymptotic expansion of the integral in Ball´s integral inequality."
10:15 – 10:45	*Coffee break*
10:45 – 11:20	**Philipp Rudolph** (Jena)
	"Entropy of absolutely convex hulls in Banach spaces."
11:25 – 12:00	**Therese Mieth** (Jena)
	"Traces of Muckenhoupt weighted function spaces in case of distant singularities."
12:30 – 13:30	*Lunch*
13:45 – 18:30	Hiking tour
19:00 – 20:00	*Dinner*

Sunday, July 22, 2o12

8:00 – 9:00	*Breakfast*
9:00 – 9:35	**Filip Soudsky** (Prague)
	"Normability of Lambda spaces - an alternative approach."
9:40 – 10:15	**Lenka Slavíková** (Prague)
	"Compactness of higher-order Sobolev embeddings."
10:15 – 10:45	*Coffee break*
10:45 – 11:20	**Glenn Byrenheid** (Jena)
	"A special case of non-isotropic Sobolev spaces and adapted approximation strategies."
12:00 – 13:00	*Lunch*
	departure from Siegmundsburg