



Ziel ETZ | Cíl EÚS
Freistaat Bayern –
Tschechische Republik
Česká republika –
Svobodný stát Bavorsko
2014 – 2020 (INTERREG V)



**Europäische Union
Evropská unie**
Europäischer Fonds für
regionale Entwicklung
Evropský fond pro
regionální rozvoj

Seminar on Mathematics Education:

Diversity in Mathematics Education – Supporting Mathematical Talents

19 – 21 March 2018, Hotel am Regenbogen, Cham

Programme

Monday, 19 March 2018	
12:00 – 14:15	Arrival, Lunch
14:15 – 14:30	Welcoming (Volker Ulm)
14:30 – 16:00	Mathematical giftedness <ul style="list-style-type: none">▪ A model for mathematical giftedness and a corresponding test (30 min) (Moritz Zehnder)▪ Concepts for supporting mathematically gifted students – the “revolving door model” (30 min) (Tom Köcher)▪ “Don’t preach facts, stimulate acts.” (30 min) (Carsten Miller)
16:00 – 16:30	Break
16:30 – 18:30	Enrichment Programs: Opportunities for Gifted Students Outside the Classroom (120 min) (Naemi Fischer, Franziska Ohlraun, Philipp Rohr, Univ. of Bayreuth)
18:30 – 19:45	Dinner
19:45 – 20:15	School system and teacher education in Bavaria and the Czech Republic (Anna Drösemeier, Sarah Armbrust, University of Bayreuth, N. N., University of South Bohemia)

Tuesday, 20 March 2018	
09:00 – 10:00	Preference of metacognitive strategies on the background of math situations in second-degree pupils (60 min) (Dr. Vlastimil Chytrý, Dr. Jaroslav Říčan, University of Usti nad Labem)
10:00 – 11:00	Content and Language Integrated Learning (60 min) (Karina Bücherl, University of Bayreuth)
11:00 – 11:15	Break
11:15 – 12:15	Talented students and the system of the Mathematics Olympiad in the Czech Republic (60 min) (Students from University of South Bohemia)
12:15 – 13:30	Lunch
13:30 – 15:00	Sightseeing walk
15:00 – 16:30	Experiences with talented students in mathematics lessons (90 min) (Secondary school teachers from the Czech Republic)
16:30 – 16:45	Break

16:45 – 18:15	MathCityMap (90 min) (Lena Reinl, Martina Baumgärtler, University of Bayreuth)
18:15 – 19:30	Dinner
19:30 – 20:30	Fermi problems (60 min) (Lisa Zahn, University of Bayreuth)

Wednesday, 21 March 2018	
09:00 – 10:00	Numerical cognition in teaching mathematics and physics (60 min) (Mgr. Michala Plassová, Dept. of Psychology, University of South Bohemia)
10:00 – 12:00	Natural differentiation in heterogeneous classes by open-ended lessons and tasks with differentiated help (120 min) (Enrico Groz, Raphael Lege, Lukas Meckel, University of Bayreuth)
12:00 – 13:00	Lunch