

French-German Summer School  
***Galois Theory and Number Theory***  
 Konstanz, July 18 – 24

*Schedule*

**Saturday, July 18:**

8:15 – 8:30	Registration.	R512
8:30 – 9:00	Opening Session.	R512
9:00 – 10:30	<b>Arno Fehm.</b> <i>Irreducibility and rational points</i> – Lecture 1.	R512
10:30 – 11:00	Coffee break – registration.	
11:00 – 12:30	<b>Pierre Dèbes.</b> <i>Number theoretical topics in inverse Galois theory</i> – Lecture 1.	R512
12:30 – 15:15	Lunch break.	
15:15 – 16:45	<b>Lior Bary-Soroker.</b> <i>Statistical number theory in function fields</i> – Lecture 1.	A704
16:45 – 17:00	Break.	
17:00 – 18:30	Questions/Problems/Project Session 1.	G300

**Sunday, July 19:**

9:00 – 10:30	<b>Arno Fehm.</b> <i>Irreducibility and rational points</i> – Lecture 2.	A702
10:30 – 11:00	Coffee break.	
11:00 – 12:30	<b>Pierre Dèbes.</b> <i>Number theoretical topics in inverse Galois theory</i> – Lecture 2.	A702
12:30 – 15:15	Lunch break.	
15:15 – 16:45	<b>Lior Bary-Soroker.</b> <i>Statistical number theory in function fields</i> – Lecture 2.	A702
16:45 – 17:00	Break.	
17:00 – 18:30	Questions/Problems/Project Session 2.	G201

**Monday, July 20:**

9:00 – 10:30	<b>Arno Fehm.</b> <i>Irreducibility and rational points</i> – Lecture 3.	R512
10:30 – 11:00	Coffee break.	
11:00 – 12:30	<b>Pierre Dèbes.</b> <i>Number theoretical topics in inverse Galois theory</i> – Lecture 3.	R512
12:30 – 15:15	Lunch break.	
15:15 – 16:45	<b>Lior Bary-Soroker.</b> <i>Statistical number theory in function fields</i> – Lecture 3.	R512
16:45 – 17:00	Break.	
17:00 – 18:30	Questions/Problems/Project Session 3.	G201

**Tuesday, July 21:**

9:00 – 10:00	<b>Arno Fehm.</b> <i>Irreducibility and rational points</i> – Lecture 4 / Research Talk 1	A704
10:00 – 10:30	Coffee break.	
10:30 – 11:30	<b>Pierre Dèbes.</b> <i>Number theoretical topics in inverse Galois theory</i> – Lecture 4 / RT 2	A704
11:30 – 11:45	Break.	
11:45 – 12:45	<b>Lior Bary-Soroker.</b> <i>Statistical number theory in function fields</i> – Lecture 4 / RT 3	A704
12:45	Lunch break – excursion.	

**Wednesday, July 22:**

9:00 – 10:00	<b>Efrat Bank.</b> <i>Prime polynomial values of linear functions in short intervals</i> – RT 4	A702
10:00 – 10:30	Coffee break – Poster Session.	
10:30 – 11:30	<b>Zeev Rudnick.</b> <i>Analytic number theory in function fields</i> – RT 5	A702
11:30 – 14:30	Lunch break.	
14:30 – 15:30	<b>Umberto Zannier.</b> <i>A survey on some specialization theorems</i> – RT 6	A704
15:30 – 15:45	Break.	
15:45 – 16:45	<b>Jochen Koenigsmann.</b> <i>Characterising <math>Q</math> by <math>G_Q + \epsilon</math></i> – RT 7	A704
19:30	Banquet of the Summer School.	

**Thursday, July 23:**

9:00 – 10:00	<b>Sebastian Petersen.</b> <i>Specialization of <math>l</math>-adic Galois representations and Hilbertianity</i> – RT 8	A703
10:00 – 10:30	Coffee Break.	
10:30 – 11:30	<b>François Legrand.</b> <i>On the number of ramified primes in specializations</i> – RT 9	A703
11:30 – 14:30	Lunch break.	
14:30 – 15:30	<b>Edva Roditty-Gershon.</b> <i>Arithmetic Statistics in Function Fields</i> – RT 10	A702
15:30 – 15:45	Break.	
15:45 – 17:15	Questions/Problems/Project Session 4.	G201

**Friday, July 24:**

9:00 – 9:30	Project 1.	R711
9:30 – 10:00	Project 2.	R711
10:00 – 10:30	Coffee break.	
10:30 – 11:00	Project 3.	R711
11:00 – 11:30	Project 4.	R711