

## Course Outline for MINLP Summer School 2018

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All lectures in rooms HS 9 and E52 (practical sessions) in building E.

### Monday, August 13, 2018: **Modeling and Software**

08:00-09:00	Registration (E buildingoyer)
09:00-09:15	Welcome by Volker Schulz
09:00-10:00	Lecture 1
10:00-11:00	Software
	Coffee Break
11:30-12:30	Lecture 2
	Lunch Break
14:00-15:30	Modeling/Exercise 1
	Coffee Break
16:00-17:30	Modeling/Exercise 2
17:30	Poster session and get-together

### Tuesday, August 14, 2018: **Algorithms for Convex MINLP**

08:30-10:00	Lecture 1
	Coffee Break
10:30-12:00	Modeling/Exercise 1
	Lunch Break
13:00-14:30	Lecture 2
	Coffee Break
15:00-16:15	Modeling/Exercise 2
17:00-19:00	Guided tour (Meet at the Porta Nigra)
19:00	Dinner, Wirtshaus zur Glocke (Glockenstr.12)

### Wednesday, August 15, 2018: **Beyond Convex MINLP**

09:00-10:30	Lecture 1
	Coffee Break
11:00-12:30	Modeling/Exercise 1
	Lunch Break
14:00-15:30	Lecture 2
	Coffee Break
16:00-17:30	Modeling/Exercise 2

### Thursday, August 16, 2018: **Quadratic Integer and Combinatorial Optimization**

09:00-10:30	Lecture 1
	Coffee Break
11:00-12:30	Lecture 2
	Lunch Break
13:30-15:00	Modeling/Exercise 1
	Coffee Break
15:30-16:45	Lecture 3
16:45-17:00	Closing and poster award