

## 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

## Miscellaneous Information:

The summer school takes place in [building E](#) of the Trier University main campus.

**Getting around in Trier:** Your conference batch doubles as **bus ticket** for the city of Trier. Take bus number 3 (bus number 83 in the evening hours) and get off at the bus stop “Universität”. There are more bus connections from Trier city center to Trier University via bus numbers 4, 6 and 30 in the daytime and via bus numbers 81 and 85 in the evening hours. Some of them stop at “Universität Süd” which is also in easy walking distance to the venue. To reach Trier University main campus by car, navigate to Universitätsring, 54296 Trier. Unlike the city center there is a fair amount of **free parking spaces** for visitors available at Trier University. Take parking ground west for building E.

**Social Program:** There will be a **welcome reception** at the university with snacks and drinks on Monday evening during the poster session. On Tuesday, we meet for a **guided city tour** at famous [Porta Nigra](#) (5 pm) in the city center that you can reach directly by bus 3. The conference dinner will be at “Wirtshaus zur Glocke” ([Glockenstr. 12](#)) after the tour (7 pm).

**Course Material:** We will update the material (software, slides, exercises) on our webpage [alop.uni-trier.de/minlp](http://alop.uni-trier.de/minlp) whenever we have new contents.

**Wifi:** Trier University offers eduroam.

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