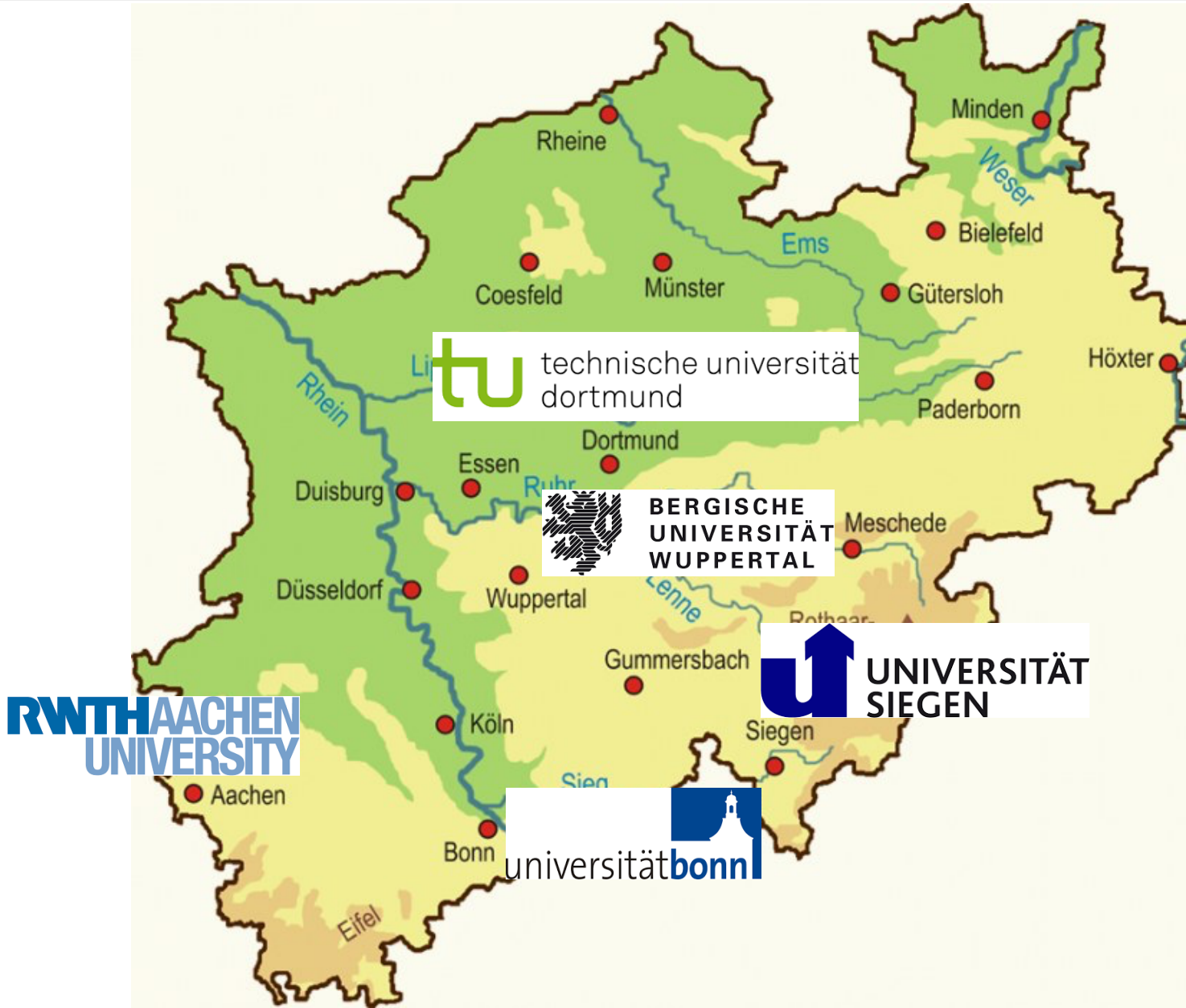


# Welcome to TOP 2018 in Bad Neuenahr!



Five Organizing Universities in North-Rhine-Westphalia involved in top-quark physics

Welcome package contains giveaways from all five universities.



TOP 2018 Bad Neuenahr, Germany	Sunday 16.9.2018	Monday 17.9.2018	Tuesday 18.9.2018	Wednesday 19.9.2018	Thursday 20.9.2018	Friday 21.9.2018	
	Speaker	Title	Speaker	Title	Speaker	Title	
<b>Morning Session 1</b>	<b>Introduction, key note</b>		<b>Single top quark</b>		<b>Supersymmetry / direct searches</b>		
9:00 - 9:30	Wolfgang Wagner (5)	Introduction by LOC	Rikkert Frederix (20+10)	Accurate predictions of t-channel	David Shih (20+10)	SUSY and naturalness involving tops	
9:30 - 10:00	Antonio Onofre (5)	Welcome by IAC	Regina Moles-Valls (20+10)	Production in standard modes	Juan Gonzalez (20+10)	Top quarks and SUSY (ATLAS & CMS)	
10:00 - 10:30	Christophe Grojean (40+10)	Keynote address	Jeremy Andrea (20+10)	Rare single-top production modes	Leonid Serkin (20+10)	Top quarks and Exotics (ATLAS & CMS)	
10:30 - 11:00	Sergio Sanchez Cruz (20+10)	Performance and top quarks as calibration tool					
	Coffee break		Coffee break		Coffee break		
<b>Morning Session 2</b>	<b>Top-quark pair production</b>		<b>Top quark properties (incl. mass)</b>		<b>FCNC and EFT (indirect searches)</b>		
11:00 - 11:30	Li Lin Yang (20+10)	Resummation at NNLO+NNLL	Stano Tokar (20+10)	Top mass measurements	J.A.A. Saavedra (20+10)	Top quark measurements in SMEFT	
11:30 - 12:00	Matteo DeFranichis (20+10)	Inclusive cross section measurements (ATLAS & CMS)	Andre Hoang (20+10)	Top-quark mass: theoretical aspects	Geoffrey Smith (20+10)	FCNC, Anomalous couplings, EFT	
12:00 - 12:30	Federica Fabbri (20+10)	Comparative overview of differential measurements	Petra Van Mulders (20+10)	Top properties (not: EFT, single top, ttbar+X)	M. Moreno (10+5)	Joker talk ATLAS	
12:30 - 14:00		Lunch		Lunch		Lunch	
<b>Afternoon Session 1</b>	Registration (hotel lobby)	<b>Differential measurements</b>		<b>Top quark-antiquark + X</b>		<b>Top quarks and Higgs boson</b>	
14:00 - 14:30		Davide Pagani (20+10)	Multi-jet merged top-pair production	Marco Zaro (20+10)	NLO corrections to ttW and tttt	Kevin Finelli (20+10)	ttH FCNC in prod. and decay (ATLAS +CMS)
14:30 - 15:00		Rene Poncelet (20+10)	NNLO QCD pair production and decay	Alexander Khanov (20+10)	ttbar + bBbar	Fabrice Hubaut (20+10)	ttbar + H at ATLAS
15:00 - 15:30		Konstantinos Kousouris(20+10)	Differential measurements at CMS	Daniel Noonan (20+10)	ttbar + Z, W, ttbar, gamma at CMS	Kirill Skovpen (20+10)	ttbar +H at CMS
15:30 - 16:00		Matteo Negrini (20+10)	Differential measurements at ATLAS	Clara Nellist (20+10)	ttbar + Z, W, ttbar at ATLAS	Kevin Lannon (20+10)	Higgs general at CMS
16:00 - 16:30			Coffee break		Coffee break	Wei-Ming Yao (20+10)	Higgs general at ATLAS
<b>Afternoon Session 2</b>		<b>Modeling and tuning</b>		<b>Complementary top quark production</b>			
16:30 - 17:00	Marek Schoenherr (20+10)	Comparison of various MC programs	James Mead (20+10)	Top quark in the forward region		Coffee break	
17:00 - 17:30	James Monk (20+10)	Modeling / tuning at ATLAS	Paolo Nason (20+10)	Renormalons and mt		Student Q&A session	
17:30 - 18:00	Emyr Clement (20+10)	Modeling / tuning at CMS					
18:30 - 19:00							
19:00 - 21:00	Reception Dinner	Poster session & Finger Food Dinner	Dinner			Dinner	
21:00 - 23:00			Student Q&A session	Social dinner			

Program also available on HEPcon app.

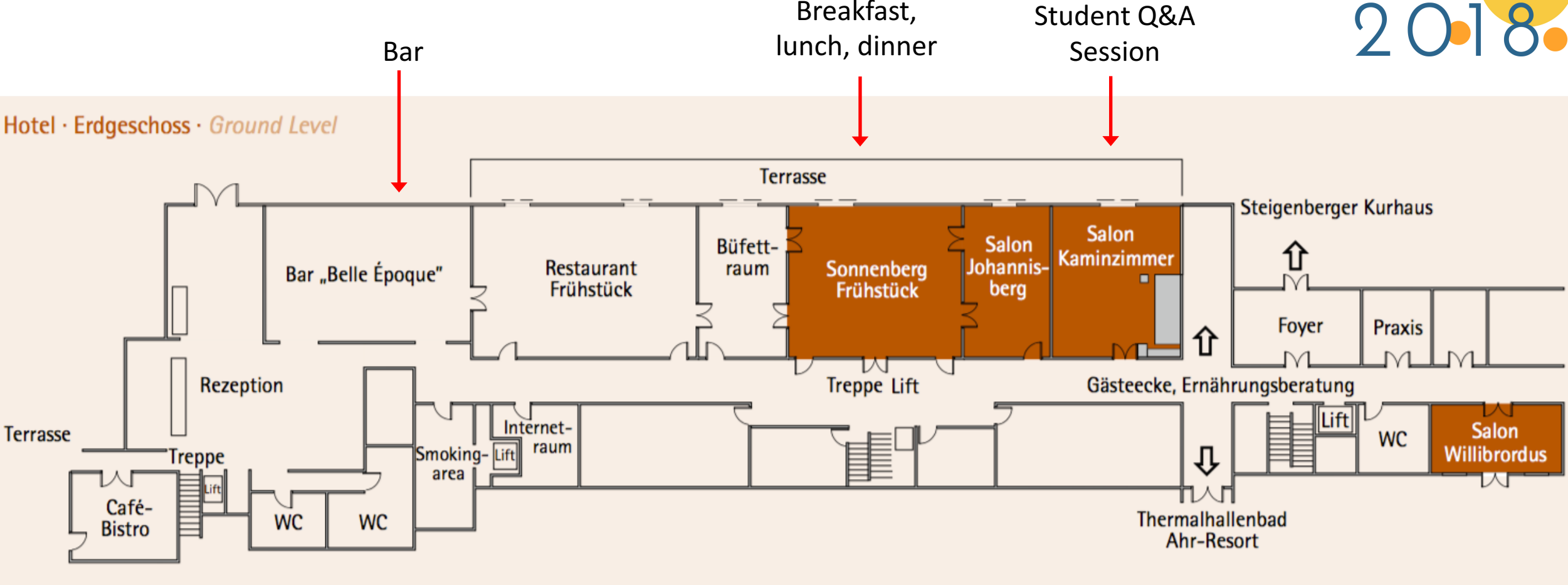
# The Steigenberger hotel

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TOP  
2018



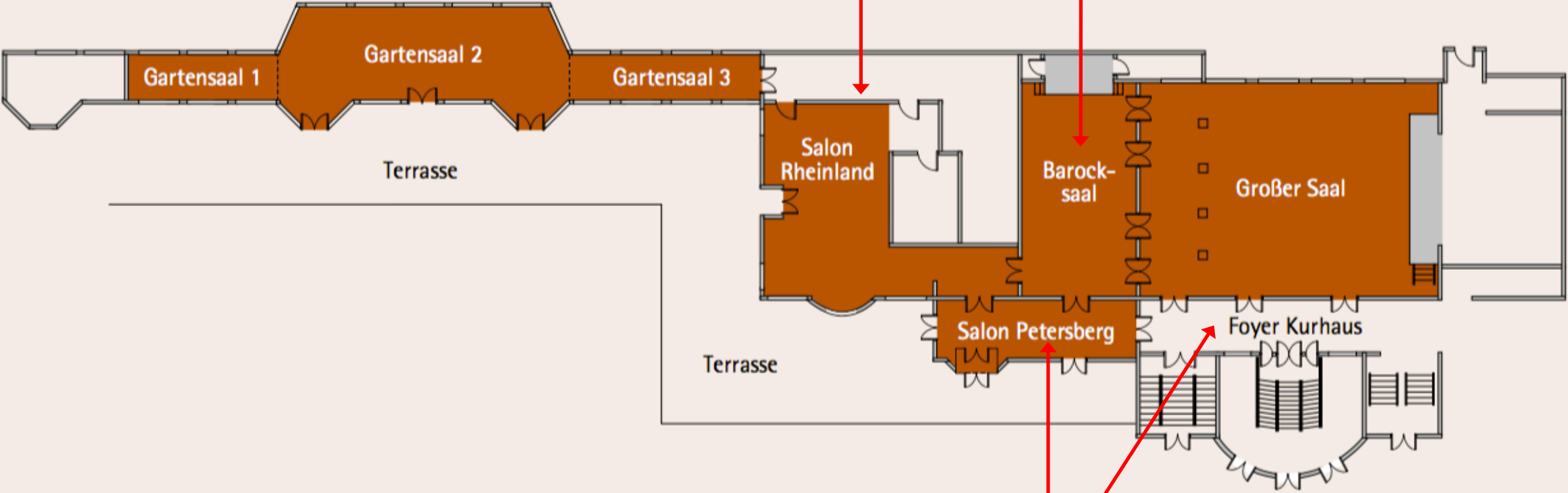
# Floor plan: hotel



# Floor plan: „Kurhaus“



## Kurhaus · Erdgeschoss · *Ground Level*



Toilets  
(in the basement)

Poster  
Session

coffee breaks

# Meals and coffee breaks at the Steigenberger

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- Meals and coffee breaks are included in a conference package.
- These packages are daily packages.
- If you stay at the Steigenberger these packages will be debited to your room.
- Please pay for accommodation and the conference package before you leave on Friday.
- If you don't stay at the Steigenberger please still register at the front desk. A virtual room number will be created for you, to which meals can be debited.
- Dinner on Sunday were a bit special since it was before the conference start.
- At lunch, the conference package includes two drinks: one soft drink and one hot drink (no alcoholic drinks, sorry).
- At dinner, the conference package includes any three drinks: mineral water, soft drinks, beer, wine, coffee or tea.

# Hotel payment / receipt

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- We asked the hotel to issue a receipt that just says „conference package“.
- If this doesn't work for you, tell them what you need.
- The reception desk manager, Mrs. Oberlies, assured me that they will be flexible.
- Participants who stay at the Steigenberger, have a PhD and did the reservation using the conference reservation sheet before July 30 will receive a discount of 215,70 Euro.
  - This is made possible by a grant of the German Research Foundation (DFG).
  - Sorry, the DFG rules say that only PhD can be funded.
  - 70 participants are profiting from this grant.



# Printer

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If you need to print single or a few pages, contact the conference office. We have an ink printer available.





# Excursion on Wednesday, September 19

- Leave the hotel at 14:00 hours by two buses.
- There will be two groups: the buses go to separate places.
- Bus trip will be about 10 minutes.
- Groups will be divided in different teams.
- Rally through the vineyards with five different tasks: Winemaker Olympics.
- Distance is about 5 km.



Weather is going to be hot. Consider wearing a hat.

# Visit of the former federal government bunker

- Arrival at the bunker at around 16:30 hours.
- Witness monument of the cold-war period with nuclear blast-proof gates.
- 1.5 h guided tour.
- The complex featured 936 bed rooms and 897 offices and had a total length of 17.3 km.



# Conference Dinner on Wednesday

- Barbecue

- Different type of steaks
- Lamb
- Different type of sausages
- Vegetable pan
- Dips
- Fried potatoes
- Baked potatoes
- Different salads
- Baguette
- Desserts



- Drinks

- Two kinds of draft beer
- Different wines from the Ahr valley.
- Soft drinks
- Juices



# Ahr-Thermen spa

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2018

- If you want to relax after the sessions: Next to the Steigenberger hotel there is a large public spa.



Enjoy TOP 2018!