



Graduate School
of Geosciences

Summer School "Dates and Rates of Change in the Quaternary"

Venue: Youth Hostel Burg Blankenheim, Burg 1, 53945 Blankenheim, Germany

Convenors: **Tibor Dunai & Georgina King** (Cologne Geosciences)

Coordination: Karin Boessenkool (GSGS)

	Sunday 21 August 2016	Monday 22 August 2016	Tuesday 23 August 2016	Wednesday 24 August 2016	Thursday 25 August 2016	Friday 26 August 2016	Saturday 27 August 2016
08:00		08:00 - 09:00 Breakfast	08:00 - 09:00 Breakfast	08:00 - 09:00 Breakfast	08:00 - 09:00 Breakfast	08:00 - 09:00 Breakfast	08:00 - 09:00 Breakfast
09:00		09:00 - 09:30 Welcome	09:00 - 10:30 Luminescence: what, where & when? G King, R Smedley	09:00 - 19:00 Excursion in Eifel region Peter Abbott	09:00 - 10:30 Radiocarbon dating (I) Stephanie Kusch	09:00 - 10:30 Palaeomagnetic dating Janna Just	Participants leave Busses leave from Blankenheim Busbf to Blankenheim (Wald) every hour between 07:06 and 14:06 (arriving at xx:16 and connecting to train to Cologne).
10:00		09:30 - 11:00 Cosmogenic nuclides (I) Tibor Dunai	<i>Coffee break</i>	Benedikt Ritter	<i>Coffee break</i>	10:30 - 11:30 Palaeolimnology (I) , Volker Wennrich	
11:00		<i>Coffee break</i>	11:00 - 13:00 Practical application: from sample to age Georgina King, Rachel Smedley	Volker Wennrich	11:00 - 12:30 Radiocarbon dating (II) Stephanie Kusch	<i>Coffee break</i>	Visits to Luminescence Lab and AMS facility at the University of Cologne (to be confirmed, optional)
12:00		11:30 - 13:00 Cosmogenic nuclides (II) Tibor Dunai			Discussion / wrap-up	12:00 - 13:00 Palaeolimnology Practical 1*	
13:00	13:00 - 18:00	13:00 - 14:00 Lunch	13:00 - 14:00 Lunch		13:00 - 14:00 Lunch	13:00 - 14:00 Lunch	*Practicals in 3 groups a) Core Composite b) Magnetostratigraphy c) Biostratigraphy Ascelina Hasberg, Janna Just, Jasmijn van 't Hoff, Finn Viehberg, Volker Wennrich
14:00	Participants arrive at Blankenheim (Wald) railway station.	14:00 - 15:30 Cosmogenic nuclides (III) Tibor Dunai	14:00 - 16:00 Luminescence dating: Recent advances & future potential G King, R Smedley		14:00 - 16:00 Tephrochronology Peter Abbott	14:00 - 15:00 Palaeolimnology Practical 2*	
15:00	~Hourly shuttle service between Blankenheim (Wald) and Youth Hostel.	<i>Coffee break</i>				15:00 - 16:00 Palaeolimnology Practical 3*	
16:00		16:00 - 17:30 Stable cosmogenic nuclides Fin Stuart	<i>Coffee break</i>		<i>Coffee break</i>	16:30 - 17:30 Palaeolimnology (II) , Volker Wennrich	
17:00		Discussion / wrap-up	16:30-17:30 Luminesc. & your research: dating clinic		16:30 - 18:00 Ar/Ar dating Fin Stuart	Discussion / wrap-up	
18:00	Check-in at Youth Hostel.	18:00 - 19:00 Dinner	18:00 - 19:00 Dinner		18:00 - 19:00 Dinner	18:00 - 19:00 Dinner	
19:00			19:00 - 20:30 Poster session 1	19:00 - 21:00	19:00 - 20:30 Poster session 2		
20:00	19:00 - 21:00 Dinner and ice breaker	Leisure / sports		Barbeque & social evening / sports; if fine weather outside, otherwise Rittersaal		Leisure / sports	
21:00							

Rooms:
Rittersaal
Vogtei

Latitude: 50° 26' 17.68"

Longitude: 6° 39' 7.38"

<http://www.geosciences.uni-koeln.de/datesrates16.html>

