

RTG-Retreat on cosmology and related topics

Location: Kurhaus Trifels, Kurhausstraße 25, 76855 Annweiler-Bindersbach

From 22. May to 24. May 2017

1 List of Participants

We have 11 PhD students participating:

PhD students
Gonzalo Alonso
AlvarezArthur Bolz
Santiago Casas
Manuel Geisler
Philipp Henkenjohann
Patrick Mangat
Hanno Meyer zu Theenhausen
Ludwig Rauch
Christian Reichelt
Sebastian Schenk
Fengjun Xu

In addition, from Tuesday to Wednesday on we have Prof. Susanne Westhoff as a speaker.

2 The Programme

Monday, 22.5.2017

Approximate arrival at 11:30-12:00

Time	Programme point
12:30-14:00	Lunch
14:00-15:30	Speaker: Patrick Mangat; Research topics of the string theory group; Inflation, the landscape and the swampland
15:30-16:00	Coffee break
16:00-17:00	Speaker: Philipp Henkenjohann; Axion Inflation and the Weak Gravity Conjecture
17:00-18:30	Free time
18:30-20:00	Dinner
20:00 - ad lib	Free time / Socialising

Tuesday, 23.5.2017

Time	Programme point
08:30-10:00	Breakfast
10:00-11:00	Speaker: Christian Reichelt; Particle physics model building in string theory
11:00-11:30	Coffee break
11:30-12:30	Speaker: Sebastian Schenk; How can we make sense of perturbation theory?
12:30-14:00	Lunch
14:00-17:00 (?)	Hiking tour
17:00 - 18:30	Free time
18:30 - 20:00	Dinner
20:00 - ad lib	Discussion with Prof. Westhoff about career paths in science/academia; Socialising

Wednesday, 24.5.2017

Time	Programme point
08:00-09:30	Breakfast
09:30-10:30	Speaker: Gonzalo Alonso Alvarez; Non canonical axioms and where to find them
10:30-11:00	Coffee break
11:00-12:00	Speaker: Ludwig Rauch; Dark matter direct-detection experiments
12:00-13:30	Lunch

Then: Departure