



Newsletter

01/2016

Recent Activities

The **7th Bethe Center Workshop** from **September 29th to October 2nd, 2015**, took place in the Physikzentrum Bad Honnef, Germany. The topic was **Challenges in Strong Interaction Physics** with foci on nuclear and hadron physics.

Details of the program can be found here:

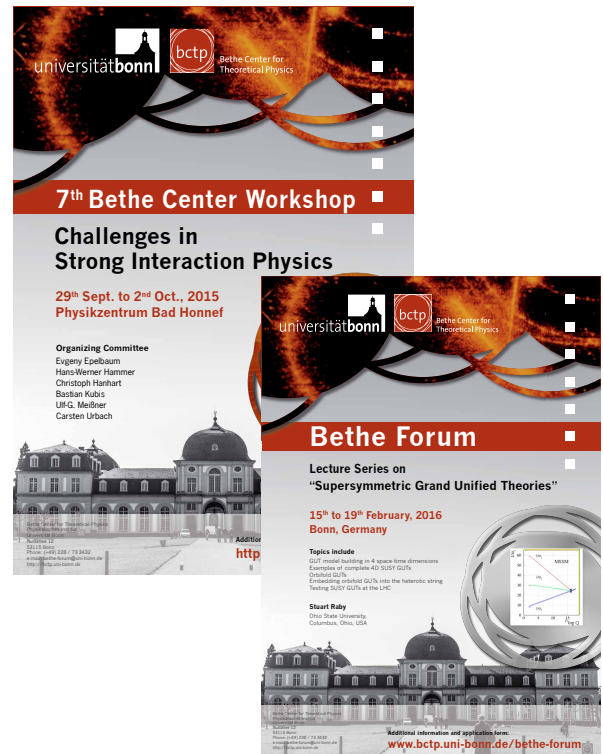
<http://crc110.hiskp.uni-bonn.de/index.php?id=450>

The bctp also hosted the **Annual meeting of the SFB/TR 16 "Subnuclear Structure of Matter"** from **7th to 9th October, 2015**, and provided the platform for the **Inaugural meeting of jDPG Bonn** on **10th October, 2015**. Further information can be found on <http://www.dpg-physik.de/dpg/gliederung/junge/rg/bonn/aktuelles.html?print=true&>

The **Lecture Series** on **"Supersymmetric Grand Unified Theories"**, held by Stuart Raby (Ohio State University, Columbus, Ohio, USA) took place from **15th to 19th February, 2016**. The lecture notes can be found on

<http://bctp.uni-bonn.de/bethe-forum/2016/guts/>

From **April 4th to 8th, 2016**, a second **Lecture Series** on the topic of **"Higgs physics"** took place in the bctp. The lectures and discussions were held by Georg Weiglein (DESY, Hamburg). More information as well as the lecture notes are available on <http://bctp.uni-bonn.de/bethe-forum/2016/higgs/>



Recent Bethe Colloquia

- **Jan Louis** (University of Hamburg)
String theory - Status and Perspectives
Oct. 22nd, 2015
- **Christof Wetterich** (Heidelberg University)
Big Bang or freeze?
Nov. 19th, 2015
- **Andreas Weiler** (TU Munich)
Naturalness' last stand
Dec. 3rd, 2015
- **Marc Vanderhaeghen** (Mainz University)
Precision hadron physics
Jan. 28th, 2016
- **Hans-Thomas Janka** (MPI for Astrophysics, Garching)
Supernova Simulations in Three Dimensions: Models Confronting Observations
April 21st, 2016

Upcoming Events

Bethe Forum “Model building in the 13 TeV era“

Organizers: Rolf Kappl (Bonn), Herbert K. Dreiner (Bonn),
Christophe Grojean (DESY, Hamburg) and Martin Winkler (Bonn)

30th May to 3rd June, 2016

<https://indico.desy.de/conferenceDisplay.py?confid=13792>

Bethe Forum “Dark Matter beyond Supersymmetry“

Organizers: Oleg Lebedev (Helsinki), Lars Bergstrom (Stockholm), Manuel Drees (Bonn) and Alejandro Ibarra (Munich)

13th to 17th June, 2016

<http://bctp.uni-bonn.de/bethe-forum/2016/darkmatter>

Bethe Forum “Mirror Symmetry“

Organizers: Hans Jockers (Bonn), Daniel Huybrechts (Bonn) and Albrecht Klemm (Bonn)

4th to 8th July, 2016

<http://bctp.uni-bonn.de/bethe-forum/2016/mirror/>

8th Bethe Center Workshop

“Particle Physics meets Cosmology“

Physikzentrum Bad Honnef

10th to 14th October, 2016

Jointly organized by

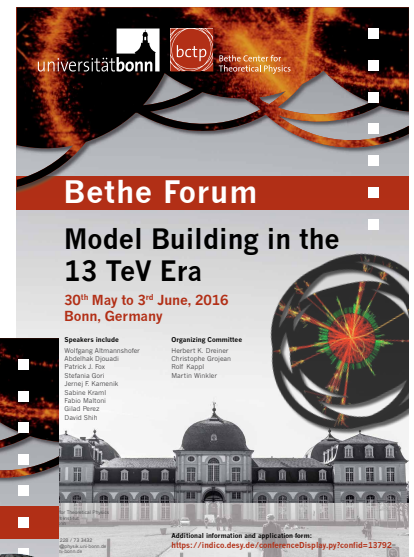
Transregio 33 - The Dark Universe (Bonn, Heidelberg, Munich)

SFB 676 - Particles, Strings and the Early Universe (Hamburg)

Upcoming Bethe Colloquia

- **Gilad Perez** (Weizmann Institute, Rehovot)
Probing the Atomic Higgs Force
Thursday, 2nd June, 2016
Within the program of the Bethe Forum
„Model Building in the 13 TeV era“
- **Gabrijela Zaharijas** (Nova Gorica)
Dark Matter Search with the Fermi Large Area Telescope
Thursday, 16th June, 2016
Within the program of the Bethe Forum
„Dark Matter beyond Supersymmetry“
- **Thursday, 7th July, 2016**
Within the program of the Bethe Forum
„Mirror Symmetry“
Speaker and title to be announced

You are invited to participate in future bctp activities.
Suggestions for Bethe Forum programs or workshops are welcome.



For latest news, updates and application procedures, please visit our website:
<http://www.bctp.uni-bonn.de>

