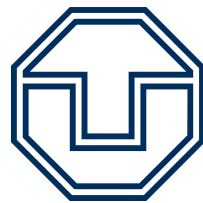


Masse, Spektrum, Symmetrie: Teilchenphysik in der Ära des Large Hadron Colliders

Preparatory Meeting for the Review on
January 21st, 2012



TECHNISCHE
UNIVERSITÄT
DRESDEN



The Research Training Group (GRK) 1504/1:

- First funding period 04/2009-09/2013
- Including overhead ~3.5 Mio Euro DFG grant
- Vital for particle physics groups in Berlin, Zeuthen, Dresden
- 25 directly funded PhD positions for 3 (+ 0.5) years each
- 32 associated PhD-students from diverse funding sources
- Travel money (1000 Euro/year) for all 57 PhD-student members
- Biannual blockcourses on advanced topics in particle physics
- GRK specific course program
- Mandatory course on „Physics at the LHC“

The Research Training Group (GRK) 1504/2:

Applied funding period 10/2013-03/2018.

Key changes to previous proposal:

- Applied sum (including overhead): 4.2 Mio Euro
- Funded parallel positions 18 (was 16)
- Starting funds for completed PhDs: up to 9 months support with 2/3 E13 position
- 2 postdoc positions at interfaces of research topics
- Video broadcast of one lecture from Dresden and one lecture from Berlin per semester (feedback?)
- Continue blockcourse format (Krippen & Berlin)
- Continue „soft skills“ training through Humboldt Graduate School

Summary

- 39 Special topics lectures in 7 Semestern
- 5 block courses with 16 external and 9 internal speakers
- 46 Student presentations integrated into block courses
- 5 two-day special topic workshops in Dresden
- Soft skills training at Humboldt Graduate School
- Training in Science Outreach through „Lange Nacht der Wissenschaften“ and „Hands on particle physics“

Schedule of the evaluation day:

9:00 Internal meeting of referees

9:30 Presentation of the GRK 1504

1) Welcome address HU Vice-president Prof. Frensch

2) General introduction (Plefka, Bernardini, Kobel, Lackner)

3) Talks by PhD-students: de Witt, Schuster, Schaarschmidt

11:00 Poster Session (all PhD-students)

12:00 Discussion of the PhD-students with the referee board

12:45 Sandwich Lunch (mingling with GRK members)

13:30 Internal meeting of referees

14:30 Discussion with all GRK members (students & advisors)

15:30 Final meeting of referees

17:30 End

Possible questions of the referees:

Qualification program

- Did the course program (block and intra semester) support your PhD work? Did you learn things going beyond your specific topic?
- Is the time balance between course work and research time adequate?
- Do the intended changes in the course program make sense, what are they?
- Who participated in soft skills training, how was it?
- Could you give input to the development of the curriculum?

Possible questions of the referees:

Advisory concept

- How do you feel advised in your PhD-project?
- How do you judge the secondary advisor concept?
- Does the support received go beyond that of a standard single advisor PhD in Germany? Why?
- Did the GRK foster new interactions between the participating research groups?
- A central aim of the GRK is to integrate all working areas (Exp, Theo and Astro), is this being achieved?