

Studying for the Master of Physics in Bonn

Manuel Drees

Bonn University & Bethe Center for Theoretical Physics



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Welcome to Bonn!

A Brief History of Bonn

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- **882 to 991: Vikings loot and burn Bonn thrice**

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- **1793 to 1814: French occupation.** (Carneval uniforms stem from that time.) **Afterwards Bonn becomes part of Prussia.**

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- December 13, 1920: Haribo founded in Bonn
- 1929 to 1932: Construction of first “autobahn” between Bonn and Cologne
- 1949 to 1994: Bonn is capital of (West) Germany. (Since then: “federal city”)

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Your Future: Master of (Astro-)Physics in Bonn

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- **Also, at some point register on eCampus for the courses you might want to take, see** <https://ecampus.uni-bonn.de>; useful for communication with profs, organizing tutorials, etc.

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- You need to complete the 60 CPs of the course phase before you can start the research phase!

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- **Student Seminar:** 4 CP

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Further information:

`https://www.praktika.physik.uni-bonn.de/module/physics601`
`p601@physik.uni-bonn.de`

Base Module 2: Lecture Theoretical Physics

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- Lectures taken elsewhere must fit into either of these categories to be counted towards your Specialization courses! Equivalence again needs to be certified by me.

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- Can be chosen from a *large* catalogue,, see

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- *One* (BCGS) “research internship” can count for 4 CPs in Elective Advanced; *one* (BCGS) “intensive week” can count for 3 CPs in this category

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- **For (almost?) all lectures: You need to solve at least 50% of the homework problems in order to be admitted to the final exam!**

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 - Seminars have much earlier registration deadlines, since your talk there counts as exam.

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- **You failed a module only if you failed *both* exams in a given semester!** (Or didn't show up.) **This counts as *one* failed attempt.**

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- The Master of Astrophysics has 4 compulsory lecture modules! For further details: talk by Prof. Schneider.

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- Grading scheme:
 - 1.0: top grade;
 - 1.3, 1.7, 2.0, . . . , 3.7: passing grades
 - 4.0: lowest passing grade;
 - 5.0: failed

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- Before you hand in the thesis, you have to give a thesis colloquium talk. (It is not graded.)

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- If you want to do your research phase elsewhere, including in Cologne, you need to specify a second, Bonn, supervisor already when registering the topic with the examination board!

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- The BCGS office can assist you with many problems concerning your stay in Bonn.

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- **Contact:** `fsphysik@uni-bonn.de`,
`https://www.fs-physik.uni-bonn.de/de/startseite`

Further Information

 General questions: BCGS!

`gradschool.physics@uni-bonn.de, blum@physik.uni-bonn.de`

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- **General questions: BCGS!**
gradschool.physics@uni-bonn.de, blum@physik.uni-bonn.de
- **Questions regarding which course(s) to take: your mentor, or the study counselor.**
Physics: Prof. **Manuel Drees**, sb@physik.uni-bonn.de;
weekly (Zoom) office hour Tu. 4:30 p.m.
Astrophysics: Prof. **Peter Schneider**, peter@astro.uni-bonn.de

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- Questions regarding which course(s) to take: your mentor, or the study counselor.
Physics: Prof. **Manuel Drees**, sb@physik.uni-bonn.de;
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If you need help, please contact one of us!