

**Certificate of the colloquium held in accordance with the examination regulations (PO)
Master of Science Physics (physics930) or Master of Science Astrophysics (astro960)**

**An den
Vorsitzenden des Prüfungsausschusses Physik
Prof. Dr. Hartmut Schmieden
c/o Prüfungsamt Physik
Nußallee 12
53115 Bonn**

Mr./Ms.has his/her

Master's thesis with the topic:

duly presented orally in a presentation (colloquium) on:

Date of colloquium

Signature 1st Supervisor: -----

Signature 2nd Supervisor: -----