

Dissertation Prizes 2024

The Sections Condensed Matter (SKM)*, AMOP** (SAMOP) and Matter and Cosmos (SMuK)*** announce dissertation prizes to be awarded at the DPG Spring Meetings 2024. The aim of these awards is to recognise outstanding scientific work and its excellent presentation.

Dissertation Prize of the Atoms, Molecules, Quantum Optics and Photonics Section (SAMOP)

Awarding in Freiburg 2024

Eligible for nomination: Young academics whose doctorate was completed between 15 September 2021 and 30 September 2023 as stated by the doctoral / PhD certificate.

Entitled to nomination: Doctoral / PhD advisors from Germany and abroad who are DPG members.

The complete nomination includes

- Curriculum vitae
- Short presentation (max. two pages), written by the candidate, of the potential of the dissertation – in the scientific context of the work and with regard to his or her future research
- Dissertation as pdf or direct weblink to pdf
- Exactly two letters of recommendation: one from the advisor, one from an independent colleague (i.e. neither cooperation nor co-supervision nor co-authorship or other reasons of bias), whereby in particular the original contribution of the nominee to the scientific knowledge gained must be explicitly acknowledged (applies more strongly to cumulative dissertations)
- on the part of the advisor, professional assignment of the nomination to an division of SAMOP
- Copy of the doctoral / PhD certificate

Submission until 15 October 2023

Documents should be sent by the advisor in the above-mentioned compilation in due time with a single PDF document to the Chair of the SAMOP Section, Prof. Dr. Gereon Niedner-Schatteburg (gns@chemie.uni-kl.de), subject „SAMOP Dissertation Prize“.

Dissertation Prize of the Condensed Matter Section (SKM)

Awarding in Berlin 2024

Eligible for nomination: Scientifically outstanding dissertations from the respective subject areas completed in the period from 1 October 2021 to 30 September 2023.

Entitled to nomination: Doctoral / PhD advisors from Germany and abroad who are DPG members.

The complete nomination includes

- the scientific curriculum vitae of the nominee with list of publications
- an outline by the nominee on the scientific potential of the dissertation (also with regard to personal development) (max. 2 pages)

(*) The Condensed Matter Section comprises the divisions Biological Physics, Chemical Physics and Polymer Physics, Thin Films, Dynamics and Statistical Physics, Semiconductor Physics, Crystalline Solids and their Microstructure, Magnetism, Metal and Material Physics, Surface Physics, Physics of Socio-economic Systems, Low Temperatures, Vacuum Science and Technology

(**) The AMOP Section comprises the divisions Atomic Physics, Short Time-scale Physics and Applied Laser Physics, Mass Spectrometry, Molecular Physics, Quantum Information, Quantum Optics and Photonics.

(***) The SMuK Section comprises the divisions Extraterrestrial Physics, Gravitation and Relativity, Hadronic and Nuclear Physics, Plasma Physics, Radiation and Medical Physics, Particle Physics, Theoretical and Mathematical Physics.

- a laudatio on the reasons for the nomination by the advisor that clearly explains why the nominated dissertation is scientifically outstanding
- a copy of the doctoral / PhD certificate and a copy of the dissertation thesis (or the web link to it)

Submission until 15 October 2023

Documents should be sent by the advisor in the aforementioned compilation in due time with a single PDF document to the Chair of the SKM Section, Prof. Dr. Martin Wolf (wolf@fhi-berlin.mpg.de), subject „SKM Dissertation Prize“.

Dissertation Prize of the Matter and Cosmos Section (SMuK)

Awarding in Gießen 2024

Eligible for nomination: Young academics whose doctorate was completed between 15 September 2021 and 30 September 2023 as stated by the doctoral / PhD certificate.

Entitled to nomination: Advisors from Germany and abroad who are DPG members.

The complete nomination includes

- Curriculum vitae
- Short presentation (max. two pages), written by the candidate, of the potential of the dissertation – in the scientific context of the work and with regard to his or her future research
- Dissertation as pdf or direct weblink to pdf
- Exactly two letters of recommendation: one from the advisor, one from an independent colleague (i.e. neither cooperation nor co-supervision nor co-authorship or other reasons of bias), whereby in particular the original contribution of the nominee to the scientific knowledge gained must be explicitly acknowledged (applies more strongly to cumulative dissertations)
- on the part of the advisor, professional assignment of the nomination to an division of SMuK
- Copy of the doctoral / PhD certificate

Submission until 15 October 2023

We would like to expressly encourage the advisors to nominate more women. The advisor should send the documents in the above-mentioned compilation to Prof. Dr. Claus Lämmerzahl (claus.laemmerzahl@zarm.uni-bremen.de), keyword „SMuK Dissertation Prize“, in due time.

Dissertation Award Selection Process:

The jury appointed by the sections and divisions identifies up to four finalists (per prize) from among the nominees, who are invited to give a lecture on their work at a dissertation prize symposium at the respective DPG spring conference. After the symposium, the jury will select the prize winner, who will be announced at the conference. All finalists receive a travel grant of 500 EUR to the spring conference, the prize money for the winner is 1,500 EUR.