

Mildred Dresselhaus Guest Professorship: call for nominations and applications

Acknowledging Mildred Dresselhaus' achievements in science and equal opportunities, the "Mildred Dresselhaus Guest Professorship" is awarded by the Cluster of Excellence "CUI: Advanced Imaging of Matter" to honor and promote outstanding female scientists and to intensify and establish new international research collaborations. The Mildred Dresselhaus Guest Professorship was established by the Hamburg Centre for Ultrafast Imaging (CUI) in 2012 and now the center invites for nominations and (self-) applications for the Mildred Dresselhaus Professorship 2024.

The Cluster of Excellence "CUI: Advanced Imaging of Matter", funded by the German Federal and State Governments, combines projects in physics and chemistry at the forefront of international research. With interdisciplinary teams from Universität Hamburg, Max Planck Institute for the Structure and Dynamics of Matter (MPSD), Deutsches Elektronen-Synchrotron (DESY) and European XFEL the Cluster aims at imaging and understanding how collective behaviour and functionality emerge microscopically and how one can dynamically create new functionalities. The cluster's research program includes projects on: Quantum physics and optics – condensed matter physics – ultrafast science and imaging – X-ray science – nano science – bioimaging.

Programme content:

- provision of excellent research conditions for international outstanding female researchers: annually, the guest professorship is awarded to a successful senior scientist (senior award with personal prize money of Euro 20.000), as well as to a younger researcher with high potential (junior award with a personal prize money of Euro 10.000)
- invitation to work within CUI for a period of two to six months
- providing role models for young women in the physical sciences
- teaching and mentoring opportunities
- attracting world leading researchers to Hamburg, starting new and intensifying existing collaborations

The previous Mildred Dresselhaus Guest Professors:

- Prof. Dr. Lin X. Chen, Argonne National Laboratory & Northwestern University, USA (2023)
- Dr. Liuyan Zhao, University of Michigan, USA (2023)
- Prof. Dr. Olga Smirnova, Max-Born-Institut, Germany (2022)
- Dr. Benedetta Flebus, Boston College, USA (2022)
- Prof. Dr. Jie Shan, Cornell University, USA (2021)
- Prof. Dr. Prineha Narang, Harvard University, USA (2021)
- Dr. Caterina Vozzi, Institute of Photonics and Nanotechnology, Italy (2020)
- Dr. Giulia Fulvia Mancini, University of Pavia, Italy (2020)
- Prof. Dr. Ruth Signorell, ETH Zurich, Switzerland (2018)
- Prof. Dr. Alicia Palacios, Universidad Autónoma de Madrid, Spain (2018)
- Prof. Dr. Anna Krylov, University of Southern California, USA (2017)
- Prof. Dr. Tanya Zelevinsky, Columbia University, New York, USA (2017)
- Prof. Dr. Cristiane Morais Smith, Universiteit Utrecht, The Netherlands (2016)
- Dr. Friederike Ernst, Stanford University, USA (2016)
- Prof. Dr. Elspeth Garman, University of Oxford, UK (2015)
- Dr. Liesbeth Janssen, Heinrich-Heine-Universität, Germany (2015)
- Prof. Dr. Roseanne Sension, University of Michigan, Ann Arbor, USA (2014)
- Dr. Anouk Rijs, Radboud Universiteit, Nijmegen, The Netherlands (2014)
- Prof. Dr. Tamar Seideman, Northwestern University, Chicago, USA (2013)
- Dr. Rosario González-Férez, Universidad de Granada, Spain (2013)

Please feel invited to forward the information to your international collaborators or submit your nomination of a suitable candidate.

The nomination should contain the following:

- name of a potential scientific host at CUI
- letter of motivation
- scientific CV including the five most important publications
- list of invited talks
- teaching experience
- a short equal opportunity/diversity statement
- as well as research interests for a collaboration with CUI

Applications are also welcome if they include one letter of support. Please send the required documents to eileen.schwanold@uni-hamburg.de as **one single pdf file until 15th of May 2024**. Any questions regarding the [program](#) can also be addressed to Eileen Schwanold.