The newly established **Dresden-Würzburg Center for Topological Quantum Matter Research** invites applications for

Research Associates within the
Hallwachs-Röntgen Postdoc Program

(Subject to personal qualification employees are remunerated according to salary group E 13 TV-L)

The positions are available immediately fixed-term for a duration of three years. The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertrags-gesetz - WissZeitVG). The position offers the opportunity to obtain further academic qualification.

Tasks: We are looking for exceptional young scientists of great promise who have recently been awarded the doctoral degree. The *Hallwachs-Röntgen Postdoc Program* is intended to form a link between two of the most active research environments on topological condensed matter physics worldwide – the *Technische Universität Dresden* together with its external research institutes (Helmholtz-Zentrum Dresden-Rossendorf, Leibniz-Institut für Festkörper- und Werkstoffforschung, Max-Planck-Institut für Physik komplexer Systeme, Max-Planck-Institut für Chemische Physik fester Stoffe) and the *Julius-Maximilians-Universität Würzburg*.

Information about participating research groups can be found here:

SFB1143 @ TU Dresden: https://tu-dresden.de/mn/physik/sfb1143
SFB1170 @ Würzburg: http://www.physik.uni-wuerzburg.de/sfb1170
Helmholtz-Zentrum Dresden-Rossendorf: https://www.hzdr.de
Leibniz-Institut für Festkörper- und Werkstoffforschung: https://www.ifw-dresden.de
Max-Planck-Institut für Physik komplexer Systeme: http://www.pks.mpg.de
Max-Planck-Institut für Chemische Physik fester Stoffe: http://www.cpfs.mpg.de

The successful candidates are expected to perform ground-breaking research in the area of topological quantum physics, either experimental or theoretical. They will spend 2 years at one partner location (either Dresden or Würzburg) and the remaining year with the other partner. Therefore, they will be able to directly benefit from interactions with the two complementary research environments.

Requirements: Doctoral degree in physics (or a closely related discipline), in-depth research experience in topological physics, quantum materials, and/or correlated-electron physics, very good written and oral English language skills (knowledge of the German language is not a prerequisite), ability to work independently and in a team.

Applications from female scientists are particularly welcome. The same applies to people with disabilities.

Please send your application documents (CV, publication list, research statement, three references) preferably as a single pdf document to hr_postdoc@mailbox.tu-dresden.de and hr_postdoc@physik.uni-wuerzburg.de (Please note: We are currently not able to receive electronically signed and encrypted data) or alternatively by regular mail to **TU Dresden, Fakultät Mathematik und Naturwissenschaften, Institut für Theoretische Physik, Herrn Prof. Dr. Matthias Vojta, 01062 Dresden** or to **Universität Würzburg, Physikalisches Institut, Prof. Dr. Ralph Claessen, 97074 Würzburg**. The application deadline is August 31, 2017.