The Leibniz Institute for Solid State and Materials Research Dresden e. V. (IFW Dresden) conducts modern materials research on a scientific basis for the development of new and sustainable materials and technologies. The institute employs an average of 500 people from over 40 nations and, in addition to its scientific tasks, is dedicated to promoting young scientists and engineers. Further information at: http://www.ifw-dresden.de.

The Institute for Emerging Electronic Technologies offers three positions as

**Research Associate/PhD (m/f/d)**

starting **as soon as possible**. Each position is limited for 3 years in part-time (26 hours per week). The period of employment is governed by the Fixed Term Research Contracts Act (Wissenschaftszeitvertragsgesetz – WissZeitVG).

**Tasks:**
- Research in the area of emerging photovoltaic technologies based on organic and/or metal halide perovskite materials, including the fabrication and characterization of solar cells and the study of their properties by advanced spectroscopic and microscopic methods, such as photoemission based techniques.
- Research topics include role of defects and inhomogeneities on the performance and stability of devices and the development of novel deposition techniques suitable for large area applications.
- The work includes collaboration with national and international research partners.

**Requirements:**
- university degree (master or comparable) in physics
- Interest in basic and application-related research
- high-self-motivation and experimental skills
- excellent command of English language and excellent computer skills
- ready-to-use and up-to-date knowledge of emerging electronics and photovoltaics

**What we offer:**
You will join a team of enthusiastic scientists who pursue creatively their individual research agenda inspired by the institute’s innovative approach and support. Your research will be fostered by the institute’s philosophy to promote young researchers.

The employment relationship, including remuneration, is based on the German tariff TV-L according to salary group E 13.

We strive to employ more women in academia and research. We therefore expressly encourage women to apply. Severely disabled applicants (m/f/d) are expressly welcome.

Your application (**in English only**) should include: motivation letter, CV, copy of degree certificate, transcript of grades (i.e. the official list of coursework including your grades) and proof of English language skills. Complete applications should be submitted by **August 13, 2023**, as a single pdf-document quoting the reference number **035-23-4000** in the subject header to bewerbung@ifw-dresden.de.

For more information, please contact Prof. Yana Vaynzof (y.vaynzof@ifw-dresden.de).