The Department of Physics (Faculty of Science) invites applications for the position of an

**Assistant Professor (W 1 - Juniorprofessur)**
for Physics and Technology of Photonic Materials

to start in the summer semester 2018. The initial appointment is for three years, which is extendable to three further years following a positive intermediate and peer-reviewed evaluation.

The holder of the position is expected to engage in teaching at the Bachelor and Master level, with a particular emphasis on photonics, and for students with physics as a major or minor subject, as well as teacher training (Lehramt).

The research activities should complement Paderborn’s emphasis on optoelectronics and photonics, especially within the scope of the “Centre for Optoelectronics and Photonics Paderborn” (CeOPP), as well as the collaborative research center TRR142 “Tailored Nonlinear Photonics” project. A research focus on the physics, fabrication and application of photonic materials and structures is anticipated, preferably with expertise in the areas of inorganic/organic hybrid structures, molecular functional materials plasmonic/metamaterials and/or photonic nanostructures is desirable.

Successful candidates will be able to demonstrate appropriate research skills and experience through peer-reviewed publications and collaborations with partners within Germany and/or internationally. Collaboration with research groups at the University of Paderborn as well as applications for third-party funding are expected.

Prerequisites for a candidacy comprise an excellent PhD degree and teaching skills in Physics or a closely related field. The PhD degree should have been obtained within the last five years and the scientific expertise should be proven by further outstanding publications.

The University of Paderborn is making efforts to increase the proportion of women in the SFB TRR 142 and therefore encourages qualified women in particular to apply. Female applicants with equal qualifications, skills, and achievements in the field will be given preferential consideration. We make personnel decisions based on qualifications, skills and academic achievements. Severely disabled applicants and disabled applicants considered as such have priority over applicants with equal qualifications, skills and achievements in the field who are not legally entitled to preferential consideration. The University of Paderborn was awarded the certificate „TOTAL E-QUALITY“ for its exemplary university and personnel policy oriented towards equal opportunities for women and men as well as the certificate „audit family-friendly university“ for the successful improvement of the compatibility of study, career and family.

The closing date for applications is **27.11.2017**. All application materials, comprising CV, certificates, teaching statement and publication list should be submitted with Reference No. 3137 to dekan-nw@uni-paderborn.de in electronic form (as a single PDF document) or by mail to the Dean of the Faculty of Science of the University of Paderborn, Warburger Str. 100, D-33098 Paderborn.