

Job advertisement

Vacancy ID: 387/2020

Closing date: 15.01.2021



**FRIEDRICH-SCHILLER-
UNIVERSITÄT
JENA**

Friedrich Schiller University is a traditional university with a strong research profile rooted in the heart of Germany. As a university covering all disciplines, it offers a wide range of subjects. Its research is focused on the areas LIGHT – LIFE – LIBERTY. It is highly interconnected with non-research institutions, research companies and renowned cultural institutions. With around 18,000 students and more than 8,600 employees, the university plays a major role in shaping Jena's character as a cosmopolitan and future-oriented city.

The Abbe Center of Photonics and its integrated Abbe School of Photonics are making a strategic effort to advance sustainably in the digitalization of their international research and teaching program. Within the new project **digiPHOTON**, the following position is offered to start as soon as possible:

Research assistant for digital teaching (w/m/d)

The Abbe Center of Photonics (www.acp.uni-jena.de) joins expertise to strengthen and coordinate all projects and activities in the field of optics and photonics and the FSU area LIGHT. The Center contributes significantly to the international visibility and network activity of the FSU in research and teaching. The integrated Abbe School of Photonics (www.asp.uni-jena.de) forms the framework for an internationalized Master's degree program with the accredited M.Sc. Photonics course. At our school, the digitalization of academic education is valued as a great opportunity to explore new and innovative ways of learning and teaching. In this context, one aim of the **digiPHOTON** project, funded by the German Academic Exchange Service (DAAD), is to create a comprehensive range of digitized and digitally teachable photonics courses. These courses shall offer a high flexibility and mutual permeability of digital and analog teaching formats in symbiosis with the running MSc Photonics course.

Your responsibilities

- Independent teaching of a Master's degree student group in optics and photonics
- Application of innovative concepts for the design and implementation of digital teaching/learning content
- Tutor for students in the application and reception of digital teaching/learning content
- Systematical development and optimization of online student application and selection processes
- Support of the study head and the lecturers in the continuous evaluation and further development of the international education program
- Cross-university and interdisciplinary exchange and transfer of skills on digital teaching/learning content within the international partner network

Our requirements

- University degree (diploma, master, PhD) in Physics, Photonics, Engineering Sciences or in connection with relevant qualifications from other courses
- Experience in academic teaching
- Experience in the application of digital teaching/learning content
- Proficiency in written and spoken English
- Proven capability of a proactive, independent, structured way of working
- Experience with interdisciplinary collaborations in a broad sense
- Excellent communication and teamwork skills

We offer

- The challenge of tutoring and teaching Master's degree students with special emphasis on new digital teaching methods and in the international working environment of the Abbe School of Photonics offers an exciting field of activity, including a great personal and professional freedom of design and a great opportunity to qualify for an academic career with emphasis on teaching.
- The Abbe Center of Photonics, the Abbe School of Photonics and the FSU offer an outstanding interdisciplinary and interprofessional network of potential cooperation partners. They combine university and non-university research as well as science and business.
- The FSU provides a family-friendly working environment with flexible working options as well as a university scheme for the promotion of career, health and well-being.
- Jena is an attractive, young city in the heart of Germany with an excellent environment: The players on site characterize a lively and future-oriented region in science and economy.
- Salary is in accordance with the Collective Agreement for the Public Sector of the Federal States (TV-L) depending on the personal qualifications up to salary scale **E13**.



The full time position (40 h per week) is limited to 2 years. In case of an excellent match of a candidate with the position, it may also be effectuated as part-time. Due to the strategic relevance of the position, a timely extension of position is targeted and subject to the availability of funding. The job interviews will prospectively be held in January 2021, and may be done either on-site or online.

Severely disabled applicants with equal qualification and aptitude are given preferential consideration.

Please send your application (cover letter) including the required supporting documents (complete CV, certificates, transcripts of records including all grades, publication list if applicable) providing the Reg.-No. **387/2020** in a single .pdf-file via e-mail **until 15.01.2021** to Dr. Christian Helgert (christian.helgert@uni-jena.de).

For further information and in case of questions do not hesitate to contact:

- Dr. Christian Helgert (CEO Abbe Center and Abbe School of Photonics, christian.helgert@uni-jena.de) or
- Prof. Thomas Pertsch (MSc Photonics study responsible at the Abbe School of Photonics, thomas.pertsch@uni-jena.de).

For further information for applicants please also refer to www.uni-jena.de/stellenmarkt_hinweis. For information on collecting personal data please refer to www.uni-jena.de/universität/stellenmarkt/datenschutzhinweis.

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Digital Learning Designer (m/w/d)

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Your responsibilities

- Development of innovative concepts and strategies for the creation, design and implementation of digital teaching/learning content
- Support and training of lecturers in the creation, implementation and didactic implementation of digital teaching / learning content in optics and photonics
- Support for lecturers particularly in the digitization of practical research modules in optics and photonics, including AR/VR technologies
- Cross-university and interdisciplinary exchange and transfer of skills on digital teaching/learning content within the international partner network

Our requirements

- Experience in creating digital teaching/learning content, ideally as part of previous teaching and training activities or as a trainer
- University degree (diploma, master, bachelor) in Digital Learning Design, Natural or Engineering Sciences, Media Design, Didactics or in connection with relevant qualifications from other courses
- Proficiency in written and spoken English
- Proven capability of a proactive, independent, structured way of working
- Experience with interdisciplinary collaborations in a broad sense
- Excellent communication and teamwork skills

Our wishes

- Experience in the use, administration and development of learning platforms, especially Moodle or Moodle-based platforms
- Experience in academic teaching

We offer

- The challenge of developing and implementing digital learning content in the international working environment of the Abbe School of Photonics offers an innovative and exciting field of activity with a wide range of tasks as well as great personal and professional freedom of design.



- The Abbe Center of Photonics, the Abbe School of Photonics and the FSU offer an outstanding interdisciplinary and interprofessional network of potential cooperation partners. They combine university and non-university research as well as science and business.
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