



## **W3 Professorship „Audio and Interactive Media Technologies / Application Development“**

The **Film University Babelsberg KONRAD WOLF** is a lively centre of art, research, and education. Renowned experts from the worlds of film and academia provide students with intensive and individual support at Germany's only film university. Conducting innovative research with, in, and on film and other audio visual media, the university is a cosmopolitan and non-discriminatory space for cultural and social debate.

The Film University is seeking applications for a **grade W3** artistic-scientific professorship for the field of Audio and Interactive Media Technologies / Application Development, starting from **October 1, 2022**.

### **Duration**

In accordance with **543 Brandenburgisches Hochschulgesetz (BbgHG – Brandenburg University and College Act)** the professorship will be appointed for an unlimited period. In the case of an initial appointment, the position will be limited to five years and, following a positive evaluation, no time limit will subsequently apply.

### **Job Description**

The Film University Babelsberg KONRAD WOLF is looking for a person who shapes the area of expertise "Audio and Interactive Media Technologies/ Application Development" in the Master's program "Creative Technologies" in theory and practice and who represents these topics in teaching and research.

The applicant should be broadly experienced in the technological-scientific and artistic-creative conception and development of interactive audio visual media applications with a focus on audio and music technologies. The applicant should have various experiences with audio signal processing technologies especially in combination with graphics and synthesis methods. Expertise in software development and development processes as well as experience with agile development processes and project management is required. In addition, extensive practical experience in artistic-creative work and in dealing with artistic challenges in the context of application development is expected.

Applicants should also demonstrate evidence of work in research or research-based practice. They should be able to further develop the field and initiate future-oriented collaborations.

The internationally oriented master's program in Creative Technologies is taught primarily in English. The advertised professorship is closely involved in interdisciplinary teaching and projects. Therefore, experience in the areas of interdisciplinary collaboration and project organization is crucial to filling the professorship. The profile of the advertised position also includes the ability to support, stimulate and promote the technological-scientific and artistic-creative development process of students. An open-minded and empathetic attitude is required of the applicants.

Responsibilities include:

- teaching in the master's program in Creative Technologies;
- initiation, coordination, implementation, and supervision of interdisciplinary, cross-curricular projects and courses;
- realization and supervision of technological-scientific and artistic-creative research projects;
- supervision of doctoral and qualification projects of academic employees.

The profile of the professorship includes participation and presence in the academic self-administration and in the continuous development of the Bachelor and Master programs and requires active communication internally and externally for networking and further development of interdisciplinary cooperation.

## Recruitment requirements

The legal requirements for hiring are derived from § 41, paragraph 1, numbers 1 to 4a (and paragraph 4 BbgHG) as follows:

- completed university studies in the field of computer science or a comparable degree
- pedagogical and didactical aptitude through many years of teaching experience at universities or comparable institutions
- doctorate or comparable academic achievement in the field of media informatics or a comparable subject area
- leadership competence, especially communicative, coordinating, and structuring competence

In addition, the following hiring requirements apply, proven by relevant publications, projects, or similar:

- experience in contributing to the reform process as well as to the strategic orientation of higher education institutions and/or study programs or similar
- several years of teaching experience in higher education, ideally also with new digital forms of teaching
- experience in artistic-creative or scientific-technological research or research practice on topics immanent to the professorship
- very good knowledge in the software-technological conception and implementation of interactive audio visual media technologies with programming languages and development environments relevant to the field of expertise
- experience with future-oriented audio technologies or in audio application development
- experience with musical aspects in connection with the development of interactive applications
- experience in interdisciplinary project work, especially at the interface between art and technology
- very good English and German language skills
- very good contacts in the media industry or in the field of media technology

In addition, it is expected (proven by relevant publications, projects, or similar) to have:

- experience with agile development processes and in project management,
- experience in the acquisition of third-party funding, especially for artistic-creative and/or media-technological projects,
- several years of professional practice.

Desirable are furthermore (proven by relevant publications, projects, or similar):

- experience with the combination of audio and graphic programming,
- experience with modern audio web technologies and/or in the creation of audio and music applications,
- experience in metadata usage for signal- and for AV scene descriptions,

- experience in teaching software and media technology in the context of artistic and creative applications,
- practical knowledge of media production workflows,
- personal artistic work.

### Teaching responsibilities

Teaching comprises **12 SWS (weekly contact hours per semester)** according to the teaching obligation regulation of the state of Brandenburg and study and examination regulations.

### Other Notes

The Film University values the diversity of its members and pursues the goals of equal opportunity regardless of gender, nationality, ethnic and social origin, religion/belief, disability, age, and sexual orientation and identity. In accordance with **§7(4) BbgHG**, women and severely disabled persons are given preferential consideration in the case of equal suitability. Applications from abroad, from persons with a non-German background and applicants with family care responsibilities are explicitly welcome.

The Film University aims to increase the proportion of women in research and teaching and therefore strongly encourages qualified female applicants to apply.

The Film University asks applicants to submit a **written teaching concept** that proposes how to integrate media-technology and software development and their applications into the various study programs at the Film University - especially in the area of audio and interactive media.

In addition, we ask the applicants to formulate their ideas on how **equality and diversity** can be integrated into teaching and research and supported in university life. This should also include how latent and explicit forms of discrimination can be countered. These aspects will be considered in the selection decision.

### Application documents

Please send in your application containing

- a description of your technological-scientific, artistic-creative and pedagogical background,
- your curriculum vitae,
- your certificates,
- your teaching concept,
- activity certificates,
- examples of work - through an appropriate link, and
- the list of publications

**until March 13, 2022** exclusively via our **online application portal**.

<https://karriere.filmuniversitaet.de/jobposting/66fd0c30daa85c8b238ddbd8c0a4938282c2958f0?ref=homepage>

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