

**CRITERIA FOR THE EVALUATION OF THE W1-JUNIORPROFESSUR  
„DIGITAL FORENSIC LINGUISTICS“  
FOR A TENURE TRACK POSITION OF ASSOCIATE PROFESSOR (W2)**

The following catalogue is based on § 6, section 1, appendix 1 of the Ordnung für die Zwischen- und End-evaluation von Tenure Track-Professuren und für die Evaluation in RUB Career Track-Verfahren an der Ruhr-Universität Bochum, published on May 2nd, 2018 (Amtliche Bekanntmachung No. 1248). The catalogue provides a specific version of the general criteria informing the assessment agreement that is made, in consultation with the faculty, between the newly appointed tenure-track professor and the rector. In line with §§ 6, section 1 of the above-mentioned regulations, the criteria need to be applied with due consideration of the duration of the academic career and the personal circumstances of the tenure-track professor (family commitments, health etc.). This relates both to the extent to which a single criterion is met and to how the criteria are met in their entirety.

After 6 years the junior professor will be awarded a life-time position of associate professor (W2), if the following criteria are fulfilled.

**CRITERIA:**

1. Scientific quality, originality and scope of research

The position covers an interdisciplinary field between linguistics, media science and computer science, especially IT-security. The focus will be on authorship analysis mainly of digital texts based on linguistic features and their recognition by automated procedures based on machine learning. New developments in digital communication as well as methods of their analysis shall be taken into account.

The tasks comprise the analysis of computer mediated communication in social media on the basis of linguistic criteria as well as the development of automatic methods of authorship analysis which take into account recent developments in digital communication and reflect the state of the art of authorship analysis.

2. Quality, quantity and international visibility of publications

Publications are expected to be equivalent to a habilitation thesis in terms of scope, presentation of existing results and original research and contribution to the development of the field. Publication of 20 research and conference papers in internationally visible peer-reviewed journals and proceedings is deemed appropriate. If the publications include a book-length monograph, the number of papers can be reduced to 10.

3. Acquisition of research funding

It is expected that funding will be raised for a project to extend and develop new methods of authorship recognition with emphasis on the analysis of German.

4. Conference talks and presentations

The area of forensic linguistics, which is underrepresented in the German-speaking scientific community, shall be presented to a wider audience at appropriate national and international conferences. The results of research shall be presented at an international conference at least once a year (e.g. Biennial Conference of the International Association for Forensic Linguistics).

5. International experience and research collaboration

To further international research experience and collaboration, workshops for an international scientific community shall be organized, which serve to establish networks with other research institutions and further the development of joint research.

6. Scientific quality, originality and scope of teaching

Lectures and seminars should reflect the state of the art. Recent results as well as basic methodology should be taught at a level adapted to the knowledge of the students. It is expressly desired that students are taught to do independent research (cf. 7).

It is expected that a module for forensic linguistics will be developed which is anchored in the Master program Germanistik and offers interdisciplinary aspects. The inherent affinity of the subject area to computer science (especially machine learning and IT-security) offers the opportunity to develop new formats of teaching (lectures, seminars and workshops), which are directed to students of humanities as well as technical and engineering disciplines (especially in IT-security and applied computer science).

The junior professor is expected to develop his or her didactic competence, for instance by attending courses on teaching methods.

7. Supervision of master and doctoral theses

Students should be encouraged and supervised in carrying out independent research projects which are complex enough to generate meaningful data and thus serve as preparation for the master thesis. Instruction in the methods of automatic language analysis by machine learning provides the basis for interdisciplinary doctoral research under the supervision of the professor.

8. Knowledge transfer

Research topics and results which are of interest to the general public shall be presented to a wider audience in suitable talks and publications. Collaboration with the department for authorship analysis (Autorenerkennung) of the Bundeskriminalamt in Wiesbaden and with appropriate companies is desirable.

9. Participation in academic administration and commitment to the university

In addition to participating in academic administration a special commitment to the process of digitalization at the university is expected. A collaboration with the Horst-Görtz-Institut für IT-Sicherheit offers the opportunity to widen the scope of the research there to the linguistic analysis of communication in social media.

10. General competences (strategic competence, leadership qualities and collaborative competence)

The interdisciplinary nature of the subject area requires particular competence in communication and collaboration. Strategic competence should be displayed in carrying out research and in teaching. Leadership qualities should be evident in the supervision of master and doctoral theses and the organisation and management of research projects.

11. Prizes, Honours and Scholarships:

prizes, honours and scholarships received by the tenure-track professor will be taken into account.

12. Organization of academic conferences

The tenure-track professor has organized at least one academic conference at the RUB.

13. Coordination of collective research

The tenure-track professor has participated in preparing, applying for and, if applicable, carrying out collaborative research projects.

14. Activity as editor

The tenure-track professor's service as editor of academic publications will be taken into account with regard to its quality, quantity, and international visibility.

15. Reviewing activities

The tenure-track professor has served as reviewer for the RUB and the scholarly community in an appropriate manner. Also forensic linguistic reviews may be taken into account.

16. Service for professional academic associations

The tenure-track professor's service for professional academic associations will be duly considered

17. Academy memberships

The tenure-track professor's membership in academies will be duly considered.