

**Evaluation Criteria for the Tenure-Track Professorship (W1-W3)**  
**Mathematics – Algebraic and Geometric Methods in Data Analysis**

The evaluation criteria listed below under I. are directly binding for all tenure track professorships at TU Berlin (Section 3 (2) Tenure Track Regulations of TU Berlin).

The recommended additional evaluation criteria under II. reflect the culture of the specific discipline and the focus of the professorship (Section 3 (3) and (4) Tenure Track Regulations of TU Berlin). These criteria will be amended during appointment negotiations to reflect the appointee's profile and background (Section 3 (6) Tenure Track Regulations of TU Berlin).

**I. Criteria which apply across the University**

***Research***

- The originality and/or academic breadth and/or depth of work undertaken
- Significant contributions to publications in peer-reviewed journals and/or monographs as well as in collected works published by recognized academic publishers (including in electronic format)
- Contributions to conferences (e.g. talks, papers)
- Potential for academic development in international comparison
- Third-party funding acquired

***Teaching***

- Devising and teaching of different types of courses at different levels (bachelor's, master's, etc.)
- Quality of teaching (e.g. based on an evaluation)
- Supervision of theses

***Advancement of junior scholars***

- Supervision of the academic advancement and further qualification of research associates and teaching and research assistants
- Supervision of at least one doctoral candidate

- Providing evaluations for doctoral procedures

### ***Involvement in academic self-management***

Within Technische Universität Berlin

- Participating in committees or assuming offices and/or functions

Outside Technische Universität Berlin

- Participating in committees
- Writing evaluations

### ***Supporting knowledge transfer***

- Contributions to science communication

### ***Language skills***

- Acquiring German language skills to the required level (proven by an official certificate of level from a recognized language school or institute)

## **II. Proposed additional criteria**

### ***Research***

- Initiatives and participation in new collaborative research projects

### ***Teaching***

- Contributions to creating or renewing curricula

### ***Advancement of junior scholars***

- Initiatives to host guest researchers of Technische Universität Berlin, for example Humboldt scholarship holders
- Invitation of international guest researchers

### ***Involvement in academic self-management***

- Participation in peer-review processes

### ***Academic Education***

- Participation in academic education programmes, for example didactics at university level

The evaluation criteria are to be specified in the frame of the appointment negotiation.