



## **Order (Statute)**

**Munich, October 1, 2009**

## **Preamble <sup>1)</sup>**

The Technische Universität München (TUM) has resolved to establish the TUM Institute for Advanced Study (TUM-IAS) as an international, interdisciplinary research institute.<sup>2)</sup> The Institute is in the meantime the central element of TUM's Institutional Strategy (Zukunftskonzept) within the framework of the Excellence Initiative of the German federal and state governments (2006). Its mission consists in building up interdisciplinary research focus areas and in conducting top-level research, free from the bureaucratic burdens that are a customary part of the university workday. With the TUM-IAS, TUM will further promote competition, set new role-model scientific standards for the TUM research community, and make a vital contribution to the advancement of science by stimulating the creativity of idea-rich minds.

"Risking Creativity" and the development of new, excellent research areas at TUM comprise the philosophy of the Institute. An explicit goal is to help especially promising young scientists shape their careers and build up intellectually stimulating international cooperations. The TUM-IAS should not only offer space for creative freedom, but also for speculative, high-risk projects. With its Fellowship program, the TUM-IAS brings scientists together on three levels: young and experienced researchers, scientists from international research institutions and from TUM, and academic and industrial researchers. The Fellows jointly define, develop, and establish new research fields fit for the future.<sup>3)</sup>

## **§ 1 Legal Status**

The TUM Institute for Advanced Study (TUM-IAS) is a central scientific institution of the Technische Universität München (TUM). It stands under the responsibility of the TUM Board of Management. The logo of the TUM-IAS is a trademark (image/word mark) registered with the German Patent and Trademark Office.

## **§ 2 Duties and Responsibilities of the TUM-IAS**

The TUM-IAS bundles together and strengthens interdisciplinary top-level research at TUM and fosters international research contacts. In carrying out this mission it is to the greatest possible extent autonomous, in accordance with the fundamental idea of the Institute. The duties and responsibilities of the TUM-IAS consist particularly in

1. the initiation and implementation of Fellowship programs, including assistance and support for active Fellows;
2. the establishment of cross-disciplinary centers, so-called Focus Groups, as well as Research Areas in which several Focus Groups cooperate;

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1) All designations of persons in this Order apply equally to women and men, regardless of grammatical form.

2) Founding Resolution of June 21, 2005 (No. 05/25/01) of the TUM Board of Management

3) <http://www.tum-ias.de/institute-for-advanced-study/history.html>

3. the internal and external demonstration and presentation of interdisciplinary research at TUM. To this belongs, among other things, the organization of workshops, seminars, and lectures, predominantly – after its completion – in the TUM-IAS headquarters building in Garching;
4. support for the buildup of new areas of research at TUM and development of new research initiatives in future fields of science ("science beyond tomorrow");
5. the development of exemplars and criteria for a future comprehensive tenure-track career system at TUM.

Note that the underlying design and organization of the TUM-IAS are covered in the TUM Excellence Initiative proposal (Institutional Strategy). Further explanation is available in the 2006 brochure "TUM Institute for Advanced Study."

### **§ 3 Organization**

The TUM-IAS is organized in flat hierarchies. The Institute is led by a Director, who represents it in internal and external matters. He/she is responsible for selection of the Fellows based on the advice of the Advisory Council, for finances, and for fundraising. The TUM-IAS administration is subordinate to the leadership of a Managing Director. The Board of Trustees is composed of international representatives from science, politics, industry, and research institutions. It advises the Director on general scientific, organizational, and technical questions. It gives advice on strategy and guiding principles for the Institute. The President of TUM is Chairman and permanent member. The Board of Trustees meets twice per year. The members are appointed by the President of TUM for a five-year term of service. A new appointment for a further term of service is possible.

### **§ 4 Members**

- (1) Members of the Institute are all active Fellows, the DFG Leibniz Prize Winners of TUM, and the Director of the TUM-IAS.

### **§ 5 Leadership**

The TUM-IAS is led by a Director, who must be an internationally renowned scientist who has executive experience in a scientific institution.

- (1) The Director is selected by the TUM Board of Management and appointed by the President of TUM. Nominations from the Board of Trustees are to be considered.
- (2) The appointment is limited to a term of three to five years and can be revoked. After consultation of the Board of Trustees, the term of the Director can be extended by a maximum of a further three years.

- (3) The Director is responsible and accountable for all affairs of the TUM-IAS. Only with respect to decisions of fundamental significance must the Director reach agreement with the TUM Board of Management. In particular, the duties consist in
1. representing the TUM-IAS in relation to organs, boards, and institutions of TUM;
  2. organizing and coordinating the duties set forth in § 2; in carrying out these duties, the Director will be supported by a professionally competent team;
  3. supervising the Managing Director;
  4. deciding on the assignment of positions, rooms, and funds allotted by the leadership of the university;
  5. procuring third-party funding (particularly for Fellowship programs);
  6. producing an Annual Report on activities of the TUM-IAS and presenting it to the TUM Board of Management;
  7. cooperating in mutual trust with the Board of Trustees and the Deans.

### **§ 6 Fellows, Start-up Program, and Focus Groups**

The Fellowship Program of the TUM-IAS comprises seven categories:

1. **Carl von Linde Senior Fellowship** – TUM faculty members with a track record of outstanding research who want to develop innovative and high-risk topics within their scientific areas, when possible in an interdisciplinary team, can be nominated for a Carl von Linde Senior Fellowship.
2. **Carl von Linde Junior Fellowship** – Young postdoctoral researchers with excellent accomplishments, such as for example doctoral research that is highly regarded internationally, and with a proven record of influence on the scientific community, can be nominated for a Carl von Linde Junior Fellowship. Both former TUM doctoral candidates and external early stage researchers can apply. Carl von Linde Junior Fellows are employed for three years at TUM.
3. **Hans Fischer Senior Fellowship** – Outstanding external scientists who, together with a TUM research group, want to develop an innovative and high-risk topic, can be nominated for a TUM-IAS Hans Fischer Senior Fellowship. Alexander von Humboldt Research Awardees are given Fellow status with the title Honorary Hans Fischer Senior Fellow.
4. **Hans Fischer Junior Fellowship** – Outstanding external young scientists who want to develop innovative and high-risk topics can be nominated for a TUM-IAS Hans Fischer Junior Fellowship.
5. **Hans Fischer Tenure Track Professorship** – The TUM-IAS offers a special Fellowship that finances a position on the level of an Assistant Professor for outstanding scientists at the beginning of their professional career.
6. **Rudolf Diesel Industry Fellowship** – Highly qualified researchers from industry with a strong connection to TUM research groups can be nominated for a TUM-IAS Rudolf Diesel Industry Fellowship. At the same time the Fellowship brings with it the temporary status as TUM Affiliated Professor.

7. **Visiting Fellowship** – This Fellowship makes possible short research residencies at TUM (one week to two months) for outstanding external scientists.

Full particulars of the financial provisions of the various Fellowships, as well as the residence requirements within the various Fellowships and the Start-up Program, are detailed in the Nomination Guidelines for Fellowships of the TUM-IAS. No legal claim to a Fellowship exists.

Carl von Linde Senior and Junior Fellows are for the term of the Fellowship relieved of their teaching activities and committee duties. A limited teaching activity, of self-determined extent, is available to the Fellows. The presence of the Fellows at the TUM-IAS does not count as a research sabbatical semester in the sense of Art. 11 of the Bavarian University Personnel Law (BayHSchPG).

**Start-up Program:** The TUM-IAS authorizes initial funding for a limited number of projects at TUM. Fellows can request financing for a doctoral candidate or a comparable position, as well as additional research funds, out of the Start-up Fund of the Excellence Initiative (Institutional Strategy). In addition, the Start-up Fund supports activities such as conferences, workshops, and seminars.

### **Responsibilities of the Fellows:**

1. Acknowledgment of TUM-IAS support in publications, articles, books, and poster contributions: The authors must explicitly mention their membership in the TUM-IAS and use the TUM-IAS logo in all presentations and written documentation.
2. Fellows are expected to participate in TUM-IAS programs and events, as well as to hold an inaugural lecture and to organize workshops, talks, or lecture series, in order to contribute to the intellectual life of the Institute and TUM.
3. Fellows are expected to provide texts and graphics representing their research activities for use in the Annual Report, the TUM-IAS Home Page, and other publications of the Institute.
4. Recipients of a Start-up Fund grant must submit a report on the results of the funded project as well as technical documentation on newly developed instruments, devices, or processes.

### **Focus Groups:**

TUM-IAS Focus Groups are the basic organizational unit of the Institute and form the social environment for Fellows, Hosts, their doctoral candidates, and staff. The development of the research area is advanced, events are organized, and mutual support is ensured. Ideally, these groups are assembled out of different disciplines (interdisciplinarity).

The Focus Groups will be led either by a Carl von Linde Senior Fellow or a Host Professor of TUM.

Focus Groups have a Coordinator, as a general rule a Carl von Linde Junior Fellow, who documents the activities of the group and informs the TUM-IAS administration about group activities (such as workshops, talks, events, or other programs), above all for the TUM-IAS Web Calendar.

Focus Groups join together for a period of at least one year.

Focus Groups can apply for a Start-up Fund grant and for any other kind of Fellowship. The integration of new Fellows into Focus Groups is encouraged; nominations must always, however, meet the quality standards of the individual Fellowships.

Focus Groups can apply for an additional doctoral candidate position. Preference in financing will be given to talented female doctoral candidates.

### **§ 7 Facilities and Equipment**

The TUM-IAS is financed through the Excellence Initiative of the German federal and state governments. In case of need beyond that support, TUM allocates a commensurate endowment, insofar as no third-party financing (e.g., DFG, EU, or sponsor funding) is available. TUM bears the operating costs for the TUM-IAS building. The faculties and institutes of TUM are obliged in case of need to make employment opportunities – and in particular laboratories, workshops, and infrastructure – available preferentially to TUM-IAS Fellows.

### **§ 8 Coming into Force**

This order comes into force on the day of its enactment by the TUM Board of Management. Mutual agreement has been reached with the Senate.

Munich, October 1, 2009

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Wolfgang A. Herrmann  
President

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Wilfried Huber  
Chairman of the Senate