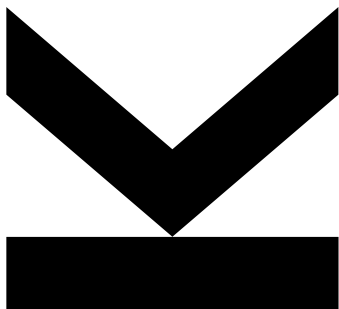# PROFESSORSHIP FOR MANAGEMENT OF SOCIO TECHNICAL TRANSITION

INFORMATION FOR APPLICANTS

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1. The Johannes Kepler University Linz (Austria)

The Johannes Kepler University Linz (JKU Linz, http://www.jku.at) is a young European university with an expert and accomplished focus on the academic areas of social and economic sciences, law, natural sciences and engineering. The studies of Human Medicine were added in 2014. During its fifty-year history, the university has achieved a national and international standing with its manifold achievements in research and teaching. The JKU is a campus-style university located north of the city of Linz. The unique campus environment provides close proximity between all disciplines. Interdisciplinary collaboration, innovative base-knowledge research, and close ties to local businesses and the business community have helped to establish its principal direction. By upholding principles of unity in research and teaching as well as fostering advanced methods of knowledge transfer, the JKU Linz generates and provides services for the greater good of society, the business community, fine arts and culture. Core target groups include students, the scientific community as well as organizations representing private and public life.

As the largest institution of research and education in Upper Austria, and thus as a knowledge transfer center, the university contributes to the continual support and development of Upper Austria as a dynamic economic region. The JKU is also actively involved in competence centers, and has developed spin-off programs that support the establishment of new companies. The JKU's mission statement defines and outlines the university's basic principles for future development and its strategic concept.

A special feature of the university is the campus-style layout and easy access to the following faculties

- the Faculty of Social Sciences, Economics & Business
- the Faculty of Law and
- the Faculty of Engineering & Natural Sciences

on 350,000 m² of land located in a northern section in the city of Linz, whereas the

- Faculty of Medicine

is located at the MED Campus in the city center of Linz.

2. Linz Institute of Technology

The Linz Institute of Technology (LIT) was created as an institution-wide department. As part of a matrix structure, LIT aims to bring researchers from different departments, backgrounds, and faculties together in the field of engineering, allowing them to build networks and stimulate interdisciplinary research in technology at the highest level through a system that competitively allocates funding. Excellence and performance-oriented financing define LIT's value system.

See: www.jku.at/lit for detailed information.

3. The Academic Area of "Business Administration and Business Informatics"

The academic area of "Business Administration and Business Informatics" is at the Faculty of Social Sciences, Economics & Business. The faculty is comprised of 34 institutes that actively conduct both base-knowledge and application-oriented research in the following academic subject areas:

■ Business Administration and Business Informatics
■ Economics and Applied Statistics
■ Social Sciences and Cultural Sciences (Sociology, Politics and Social Policy, History, Philosophy and Theory of Science)
■ Education and Psychology

See: http://www.sowi.jku.at for detailed information.

The academic area of "Business Administration and Business Informatics" at the Faculty of Social Sciences, Economics & Business is represented by the following institutes

■ Finance
■ Corporate and Regional Environmental Management
■ Business Taxation
■ Controlling and Consulting
■ Digital Business
■ Retailing, Sales and Marketing
■ Innovation Management
■ International Management
■ Leadership and Change Management
■ Management Accounting
■ Organization Science
■ Production and Logistics Management
■ Public und Non-Profit Management
■ Strategic Management
■ Entrepreneurship and Organizational Development
■ Financial Auditing and Accounting
■ Business Informatics - Communications Engineering
■ Business Informatics - Data & Knowledge Engineering
■ Business Informatics - Information Engineering
■ Business Informatics - Software Engineering

Education in the academic subject area mainly focuses on majors in business administration and business informatics as well as in the doctorate degree program at the Faculty of Social Sciences, Economics & Business. In addition, courses required as part of other academic degree programs at the faculty as well as at the other faculties are also supervised.

The JKU Business School (http://www.jku.at/bus) was established during the Summer Semester of 2019 and pools the resources, activities and competencies from various academic areas. The Business School is committed to providing an international education and its goals and objectives are outlined in the following Vision Statement:

1.   We are a regionally embedded academic hub with an international orientation.
2.   We enhance connections across disciplines in management-relevant research and teaching.
3.   We foster entrepreneurial thinking and practice in people and organizations.

The Business School is divided into three sections: Finance and Accounting, Management and Marketing, Supply Chain and Information Management.

4.   Requirements for the Position "Management of Socio-Technical Transition"

The successful candidate will be expected to represent the subject area of "Management of Socio-Technical Transitions" in teaching and research. In addition, he/she should be willing to lead and manage the institute (which will be located at the Linz Institute of Technology) and be an active member of the activities at the JKU Business School. In addition, the successful candidate will contribute to advancements in an interdisciplinary focus on *Sustainable Development: Responsible Technologies and Management (JKUsustain)*. The JKU considers itself as the edge of working as a acacademic hub for realizing the UN Sustainable Development Goals.

4.1. Research

Research in the field of "*Management of Socio-Technical Transitions*" empirically and theoretically explores the interplay of new technologies (such as manufacturing in line with the circular economy principles, digitization, renewable energies, sustainable cultivation methods and mobility) and social change (such as inequality, exclusion, demographic change/ageing, war/migration, urbanization) for promoting the Sustainable Development Goals. The successful candidate is expected to possess a sound theoretical understanding and knowledge of "Management of Socio-Technical Transitions" as well as possess outstanding empirical knowledge and extensive experience in conducting international

research. As scientific and academic perspectives in the Management of Socio-Technical Transitions is a cross-disciplinary field, the successful candidate is expected to be business-oriented in managing sustainable transformation processes on an operational and inter-company level as well as be able to connect with technological, legal and sociological issues in an interdisciplinary way. Applicants for the position should possess a solid academic background in social science theory and methods as well as have the ability to think systemically in order to conduct multi-level analyses.

The successful candidate must hold a habilitation/Post-Doctorate degree or a comparable, internationally recognized academic qualification in Business Administration, documented by high-quality publications (ABS ranking, VHB Jourqual and Impact Factor) in international journals with peer-review procedures and scientific conferences with peer-review procedures considered equivalent to habilitation at the JKU in accordance with applicable guidelines. In addition, approved acquired external funding and research grants approved by funding agencies in Austria and/or abroad will be taken into account, along with professional experience at universities and/or research institutions in Austria and/or abroad. When reviewing qualifications, the candidate's scientific age will be taken into consideration. In particular, academic qualifications will be assessed on the basis of academic performance dating back to no more than ten years.

The successful candidate will be expected to represent and further develop research in the interdisciplinary area of "Management of Socio-Technical Transition " in close coordination with professors in related fields. In addition, the successful candidate should be willing to work together with the LIT, the JKU Business School, and the JKU Rectorate to strengthen the university's research profile and the perception of research achievements at the Johannes Kepler University on an international level.

The candidate's application regarding his/her qualifications in research will be considered under the following criteria:

■ A research portfolio that thematically corresponds to the advertised position

■ Post-doctorate degree/habilitation (*venia docendi*) in Business Administration (or a comparable, internationally recognized post-doctorate qualification)

■ Current, high-quality publications (ABS ranking, VHB Jourqual and Impact Factor) in specialized international journals as well as visible ambition and evident potential to produce outstanding, high-quality future publications (i.e. project and publication pipeline, co-author network)

■ Contributions to high-quality academic and scientific conferences and symposia

■ Acquired externally funded projects and/or research grants in Austria and/or abroad

■ Professional experience at universities and/or research institutions in Austria and/or abroad

- Educational experience to effectively convey knowledge in the area Management of Socio-Technical Transitions

Additional expectations include:

- A willingness to work together closely with JKU faculty members who are also experts in the field or in closely related fields

- A willingness to cooperate with the department head, the JKU Business School, and the JKU Rectorate to strengthen the subject area's research profile and the perception of research achievements at the Johannes Kepler University

- A willingness to take part in inter-university research in the field of Sustainable Development Goals

- Concept for research-based positioning of the professorship position in the field of Management of Socio-Technical Transitions as a key professorship to support the JKU focus of *Sustainable Development: Responsible Technologies and Management (JKUsustain)*

4.2. Teaching

The successful candidate should possess a solid understanding and expertise in the area of „Management of Socio-Technical Transitions" and be in a position to represent the entire interdisciplinary subject area as part of all of the subject areas offered in "Business Administration and Business Informatics" and as part of all of the academic degree programs offered at the JKU Business School, including interdisciplinary programs in collaboration with the Faculty of Law, the Faculty of Engineering & Natural Sciences, and Executive Education. The successful candidate should possess modern educational didactic skills and have the ability to teach both small-size and large-size courses in German and English as well as introduce real-world teaching formats.

The candidate's application regarding his/her qualifications for the position will be considered under the following criteria:

- University-level courses held at universities in Austria and/or abroad and/or at other educational institutions in both German and English

- Didactic qualifications

- Research-led experience in education and teaching

- Experience with real-world teaching formats and e-learning

- Overall very good evaluation ratings in teaching and education

- Experience supervising academic and scientific papers and theses

- Syllabi from your own selected university courses which have been considered of particularly high quality and innovative

- Teaching concept and a basic concept of education in the area of Management of Socio-Technical Transitions

4.3. Additional Requirements

Education at the JKU Business School has an international focus and university courses will be held in both German and English. The successful applicant should have a strong, fluent command of English. Candidates who have little or no proficiency in German will be expected to learn German to a level of proficiency that will allow him/her to teach university courses as well as confidently take part in university committees and independently manage administrative tasks and duties in German. In addition to key professional qualifications, the successful candidate should possess a strong professional and personal social skill set.

In accordance with the JKU's '*Plan for the Advancement of Women*', the successful candidate should possess experience in human resource development and strategies for the advancement of women as well as participate in gender mainstreaming projects.

The candidate's application regarding additional qualifications - taking into account academic age and the given legal opportunities in regards to the respective national context– will be considered under the following criteria:

- Experience in managing university administration tasks and duties

- A willingness to independently manage university administrative tasks and duties

- A willingness to lead and manage research groups and/or a university department

- Experience in human resource development and the professional advancement of women

4.4. Activities – Significance and Time Span

Teaching and business training are a focal point and are to be represented as part of the academic subject area. Equal importance is placed on strongly focusing on research and being an active member of the international research community, both in Austria and abroad. In addition, the successful candidate will be required to manage administrative tasks at the institute and/or at the university.

A balance between research, teaching and independently addressing administrative tasks is desired and corresponds approximately to the following distribution: *40% teaching, 40% research and 20 % administrative activities*. The successful candidate is also expected to actively and independently participate in administrative committees at the university.

5. Legal Contingencies

Effective as of January 1, 2004, the structure of Austrian universities has been completely re-organized. They are independently financed on the basis of a three-year service level agreement with the Austrian government, have a global budget at their disposal, and are not subject to any directives by the Austrian Federal Ministry of Science and Research.

5.1. Terms of Employment

All terms of employment, including a university professorship, are subject to the Salaried Employees Act. A work contract between the university and the appointed professor confirms the professor's appointment. The Salaried Employees Act and the collective agreement for university employees provide the legal framework for all related labor, social, and pension conditions. An evaluation of all teaching and research activities will be conducted after a 5-year period to assess the fulfillment of all target agreements.

5.2. Pension Regulations

5.2.1. Pension

A pension account at the Pension Insurance Company for Employees (PVA) provides the basis to calculate the amount of pension. All pension account holders are registered for annual partial credits during insurance periods in the amount of 1.78% of the annual contribution basis and these are capped at the maximum assessment basis. The sum of the partial credits is the total credits that are re-valued annually. The total credit divided by 14 equals the amount of gross monthly pension. For more information about the pension you receive directly from the state, please contact the PVA.

5.2.2. Company Pension Fund for University Professors

The 2002 Austrian Universities Act provides for a special pension fund regulation for university professors which is agreed upon in the collective agreement. The university's contribution is 10% of the minimum salary as stated in the collective agreement. Any voluntary payment of salary exceeding the minimum salary as stipulated in the collective agreement are not included in the base number when calculating contributions.

6. Salary

The amount of the minimum salary for Group A 1 (Professorship) has been determined in the collective agreement for university employees and is a gross annual salary of 71,822.80 Euros per year (last update: 2019). Payment is allocated in 14 equal amounts, whereby two parts are special allocated payments.

The position as Professor for "Management of Socio-Technical Transition" provides a provision (on a voluntary basis) to agree on a salary over the minimum salary set by the collective agreement.

After a positive evaluation every six years – 4 times in total – there will be an advance to the next pay grade in accordance to the salary bracket in collective agreement for job category A1.

7. Application

Prospective applicants for the professorship position in *Management of Socio-Technical Transition* are requested to electronically send the following documentation **entirely in English** (aside from diplomas and certification which can be submitted in German) to: application@jku.at. If documents cannot be sent in electronic format, they are to be sent in quintuplet copy and should arrive at the Rector's office no later than one week after the end of the application deadline

7.1. General Information

■ Application form
■ Letter of Intent (1-2 pages)
■ Tabular Curriculum Vitae
■ Diplomas (Doctorate, Post-Doctorate/Habilitation)

7.2. Research

■ Post-doctorate degree/habilitation (*venia docendi*) in Business Administration or a comparable, internationally recognized post-doctorate qualification.

■ H-Index and the number of citations according to Google Scholar (incl. request date) and the academic age

■ A complete list of academic/scientific publications separated into the categories of (1) monographs, (2) peer-reviewed journal articles, (3) fully peer-reviewed conference papers, (4) other publications. At the end of each contribution, use square brackets for journals to indicate [the number of citations according to Google Scholar, journal ranking according to ABS Journal Quality Guide, VHB JOURQUAL3 and Impact Factor], and for fully peer-reviewed conference contributions, the number of citations according to Google Scholar.

■ Up to five publications you consider most important that address the subject area of "Management of Socio-Technical Transitions" (in full text, PDF)

■ A list of academic presentations and number of keynote speeches

- A list of scientific/academic association memberships and/or editorial board memberships as well as referee activities for corresponding academic/scientific journals and renowned publishers in particular subject areas

  List of acquired external funding and approved research grants; include the following information: Project role (i.e. applicant, participation in a management position), funding agency, time period, funding amount (the total amount for collaborative projects and the amount allocated to your working group), number of full-time employees (for project management), scientific/academic publication output (listed separately according to journals and peer-reviewed conference contributions from the respective project by publication references as listed on the publication list stemming from the project).

  Please note: Formal authorization for a project as department head does not count as an application; the project management content is more important.

- A list of stays abroad at universities and/or research institutions (name of university, duration in months), including the resulting research output by references to publications on the publication list
- Planned research and publication projects in the area of "Management of Socio-Technical Transitions" (research concept, 1 page)

7.3. Teaching

- A list of all courses taught at universities in Austria and/or abroad, and/or at other tertiary educational institutions (include the following information: name of institution(s), course titles, type of courses, educational level, number of students, media used, language of instruction)

- Course evaluation results from all courses taught in the past two years

- Syllabi from your own selected university courses on the subject area which are considered to be of particularly high quality and innovative

- A list of successfully (co)supervised Master's/Diploma degree theses and dissertations from the past five years (author, topic, year, co-supervisor or main supervisor)

- Teaching concept - incl. basic educational understanding - for "Management of Socio-Technical Transitions" (2 pages)

7.4. Miscellaneous

- A list of past activities managing research groups and/or university departments/institutes, if available

- A list of previous activities independently managing university administrative responsibilities

■ Documentation of experiences in human resource development and policies supporting the advancement of women

8. Information

If you have any questions in regard to the job profile, please contact Univ. Prof. Dr. Elke Schüßler (+43 732 2468 4440, elke.schuessler@jku.at) or Univ. Prof. Dr. Dorothea Greiling (+43 732 2468 3490, dorothea.greiling@jku.at).