



*INFORMATION FOR APPLICANTS*

**PROFESSORSHIP**

**COMPUTATIONAL BEHAVIORAL  
AND SOCIAL SCIENCES**



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## EXECUTIVE SUMMARY

The Faculty of Computer Science and Biomedical Engineering at Graz University of Technology is seeking applicants for the position of a **professor of Computational Behavioral and Social Sciences**.

The Faculty of Computer Science and Biomedical Engineering at Graz University of Technology is committed to excellence in research and teaching. The research at the Faculty covers a broad spectrum of topics that are reflected in our main research areas “**Biomedical Engineering**,” “**Safety and Security**,” “**Intelligent Systems**,” and “**Visual Computing**”. We are proud of our outstanding applied and basic research and encourage interdisciplinary projects. Moreover, our faculty fosters a close dialogue with industry and encourages and supports the creation of spin-off companies. More on [bit.ly/csbme-research](https://bit.ly/csbme-research) and [bit.ly/csbme-institutes](https://bit.ly/csbme-institutes).

We are looking for a person from a relevant field with an outstanding research record in Computer Science who complements the existing strengths in our Faculty. The candidate will have strong experience in interdisciplinary research and either applies theories and models from Behavioral and Social Sciences to the design of software, or applies computer science approaches to phenomena in Behavioral and Social Systems. Possible areas of interest include, but are not limited to, Cognitive Science, Cognitive Computing, Computational Psychology, Computational Social Sciences, Social Network Analysis, User Modeling, Intelligent User Interfaces, Decision Support Systems, and Artificial Advice Givers.

# GRAZ UNIVERSITY OF TECHNOLOGY

In world-wide competition with comparable institutions, Graz University of Technology prusues top teaching and research in the fields of the engineering sciences and the technical natural sciences. Knowing about the needs of society and the economy is an integral part of putting together excellent education and training programs. Ultimately, the quality of the education and training at Graz University of Technology is carried by the strength of its knowledge-oriented and applied research.

## FACULTY OF COMPUTER SCIENCE & BIOMEDICAL ENGINEERING



As an innovation engine, the Faculty significantly contributes to the economy and has tremendous growth potential, with **30 start-ups with more than 1000 employees** to attest to that. The services of the Department have a great impact on TU Graz: its top position in international research and teaching, its visibility and effect on the society, its internationalizing PhD and Master studies, its inter-university cooperation and its industrial networking.

The candidate will play a central role in developing and broadening our interdisciplinary collaboration with Business, Psychology, and Sociology at the University of Graz. Graz University of Technology and the University of Graz are developing joint interdisciplinary study programs with a focus on Computational Behavioral and Social Sciences (**Route 63**). The candidate is expected to help coordinate and strengthen these teaching initiatives.

More about Route 63 on [bit.ly/route-63](https://bit.ly/route-63)



A blue-tinted background image showing several hands shaking in a circle, symbolizing collaboration and agreement.

**“ HUMANIZING COMPUTER  
SCIENCE IS A KEY TO MAKE  
RELATED TECHNOLOGIES  
MUCH MORE ACCESSIBLE. “**

ALEXANDER FELFERNIG  
PROFESSOR AT GRAZ UNIVERSITY OF TECHNOLOGY

# PROFESSORSHIP COMPUTATIONAL BEHAVIORAL AND SOCIAL SCIENCES



The new professor of Computational Behavioral and Social Sciences will be employed on a full-time permanent position according to section 98 of the Austrian Universities Act (§ 98 UG).

We are looking for a person from a relevant field with an outstanding research record in Computer Science who complements the existing strengths in our Faculty. The candidate will have strong experience in interdisciplinary research and either applies theories and models from Behavioral and Social Sciences to the design of software, or applies computer science approaches to phenomena in Behavioral and Social Systems. Possible areas of interest include, but are not limited to, Cognitive Science, Cognitive Computing, Computational Psychology, Computational Social Sciences, Social Network Analysis, User Modeling, Intelligent User Interfaces, Decision Support Systems, and Artificial Advice Givers.

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**“ THE PROFESSORSHIP  
PROMOTES EXISTING  
RESEARCH EXCELLENCE  
AND IS A CORNERSTONE  
IN HUMANIZING  
COMPUTER SCIENCE.”**

RODERICK BLOEM  
DEAN, FACULTY OF COMPUTER SCIENCE AND  
BIOMEDICAL ENGINEERING AT TU GRAZ

**APPLY  
NOW!**





## WHY GRAZ?

CULTURAL AND UNIVERSITY TOWN IN THE  
STYRIAN TUSCANY. WITH PLENTY OF SUN!

### CITY OF KNOWLEDGE

GRAZ HAS BEEN A UNIVERSITY TOWN SINCE 1585

Know-how from Graz goes international. Six universities with more than 16 faculties form the basis of the excellent international reputation of Graz as a research and academical location. With nearly 60.000 students of 290.000 inhabitants, Graz more than deserves the title “student town”.

### CULTURAL CAPITAL

CITY OF CONTRASTS

Graz, the exciting city of culture, and particularly its historic city centre, offers the ideal location to stage seminars, trade fairs or conferences. It is not by chance that Graz is a UNESCO World Cultural Heritage site. The historic city centre around Schlossberg hill has been growing for centuries and became a township well worthy of admiration. Since the Middle Ages, the unique and well preserved architectural styles spanning from Gothic, Baroque, Renaissance, Art Nouveau and, of course, the modern, have not only seen an increase in value but are also indicative of a sense of tradition and art. In fact, contemporary art and architecture enrich the cultural scene as much as classical culture: the Graz Opera House, theatres and festivals of classical music. In 2003, Graz was also acclaimed European Capital of Culture. “The friendly alien” art centre and the Island in the Mur still bear witness to that year of celebration.





## CAPITAL OF CULINARY DELIGHTS

### MEET WITH DELIGHT

Styria offers many local food specialties, like Styrian pumpkin seed oil, Käferbohnen beans, Grazer Krauthäuptel lettuce, and award-winning wines. The people of Graz have a unique gift for enjoying life and the Mediterranean atmosphere is palpable everywhere.

Sunny spots in cheery wine gardens, promenades in the historic city centre and narrow, atmospheric alleyways, combined with over 2,300 hours of sunshine convey a southern European flair.

## CONFERENCE VENUE GRAZ

### WHERE SCIENCE MEETS ART, CULTURE AND PASSION

Organisers of scientific conferences in particular have appreciated Graz as a conference destination for many years. Being Austria's second largest city as well as an important research and business location, Graz has, with good reason, evolved into a renowned conference venue that enjoys an excellent international reputation. Every year, approximately 45000 conference guests make use of the historic and modern congress centres. They appreciate the city's easy accessibility, as much as its sophisticated cuisine and famous Austrian hospitality. A variety of supporting programmes and day excursions, served with Styrian delicacies and regional wines, add culinary value to any event. Worth mentioning is the pleasant size of the Styrian capital. In fact, many of the excellent hotels are within walking distance of the conference centres. The rich choice of sights and cultural events is another decisive reason for choosing Graz.



## EMPLOYMENT REQUIREMENTS

- A relevant doctoral degree (PhD),
- A relevant habilitation (venia docendi) or an equivalent qualification,
- Excellent scientific achievements (proven by outstanding publications),
- Excellent didactic and pedagogical skills,
- Management and leadership abilities,
- International experience and integration in the international research community,
- Experience with acquisition and management of research grants or industrial experience,
- Experience in collaborating with the industry,
- Experience in planning and teaching of relevant courses.

Participation in teaching at Bachelor, Master and doctoral level and active participation in academic self-administration are expected. Excellent command of written and spoken English is required to represent the field internationally and to teach graduate courses. If the candidate does not speak German, we expect the willingness to learn German.

We expect the successful candidate to transfer her or his residence to the area of Graz.

## EQUAL OPPORTUNITY EMPLOYER

Graz University of Technology aims to **increase the proportion of women**, in particular in management and academic staff, and therefore qualified female applicants are explicitly encouraged to apply. Until a balanced ratio of men and women has been achieved at the university, preference will be given to women if applicants are equally qualified.

Graz University of Technology actively promotes **diversity and equal opportunities**. Applicants are not to be discriminated against in personnel selection procedures on the grounds of gender, ethnicity, religion or ideology, age, sexual orientation (Anti-discrimination). People with disabilities who have the relevant qualifications are expressly invited to apply.

## HOW TO APPLY

Interested applicants are requested to send a detailed application in English language including

- a resume including a description of research and teaching experience (also mentioning theses supervised),
- a teaching statement and a research statement,
- a list of publications including copies of the five most important publications,
- copies of certificates and diplomas and
- the application form available via [bit.ly/cbss\\_form](https://bit.ly/cbss_form).

The inclusion of reference letters is not requested. The deadline for applications is

**26 November 2019.**  
(email timestamp)

Send your application per email to the Dean of the Faculty of Computer Science and Biomedical Engineering at Graz University of Technology, **Roderick Bloem** ([applications.csbme@tugraz.at](mailto:applications.csbme@tugraz.at)).

The hearings for the professorship will take place in the period of **24 to 28 February 2020**. Candidates should be available for interviews in this period.

For further questions, please contact  
**Alexander Felfernig** ([alexander.felfernig@ist.tugraz.at](mailto:alexander.felfernig@ist.tugraz.at)).



**APPLY  
NOW!**



## CONTACT

Candidates should submit their detailed application to the Dean of Computer Science and Biomedical Engineering, Prof. **Roderick Bloem** ([applications.csbme@tugraz.at](mailto:applications.csbme@tugraz.at)).

For questions please contact Prof. **Alexander Felfernig** ([alexander.felfernig@ist.tugraz.at](mailto:alexander.felfernig@ist.tugraz.at)).

More on [csbme.tugraz.at](http://csbme.tugraz.at).

