



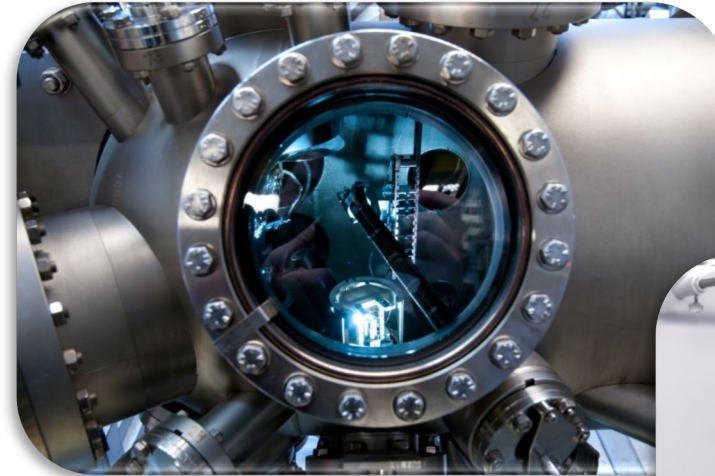
TECHNISCHE
UNIVERSITÄT
WIEN



OUTLOOK CRP 2022 „What are Universities of Technology for?“

Vienna, September 23.-24.

TU Wien – From Basic Research to Application



- 1815 Founded as „k.k polytechnisches Institut“
- 1904 Promotion right
- 1919 Admission of Women
- 1975 University of Technology/TU Wien

Organisation: Rectorate



Anna Steiger
Vice Rector
Human Resources &
Gender

Josef Eberhardsteiner
Vice Rector
Digitalisation & Infrastructure

Sabine Seidler
Rector

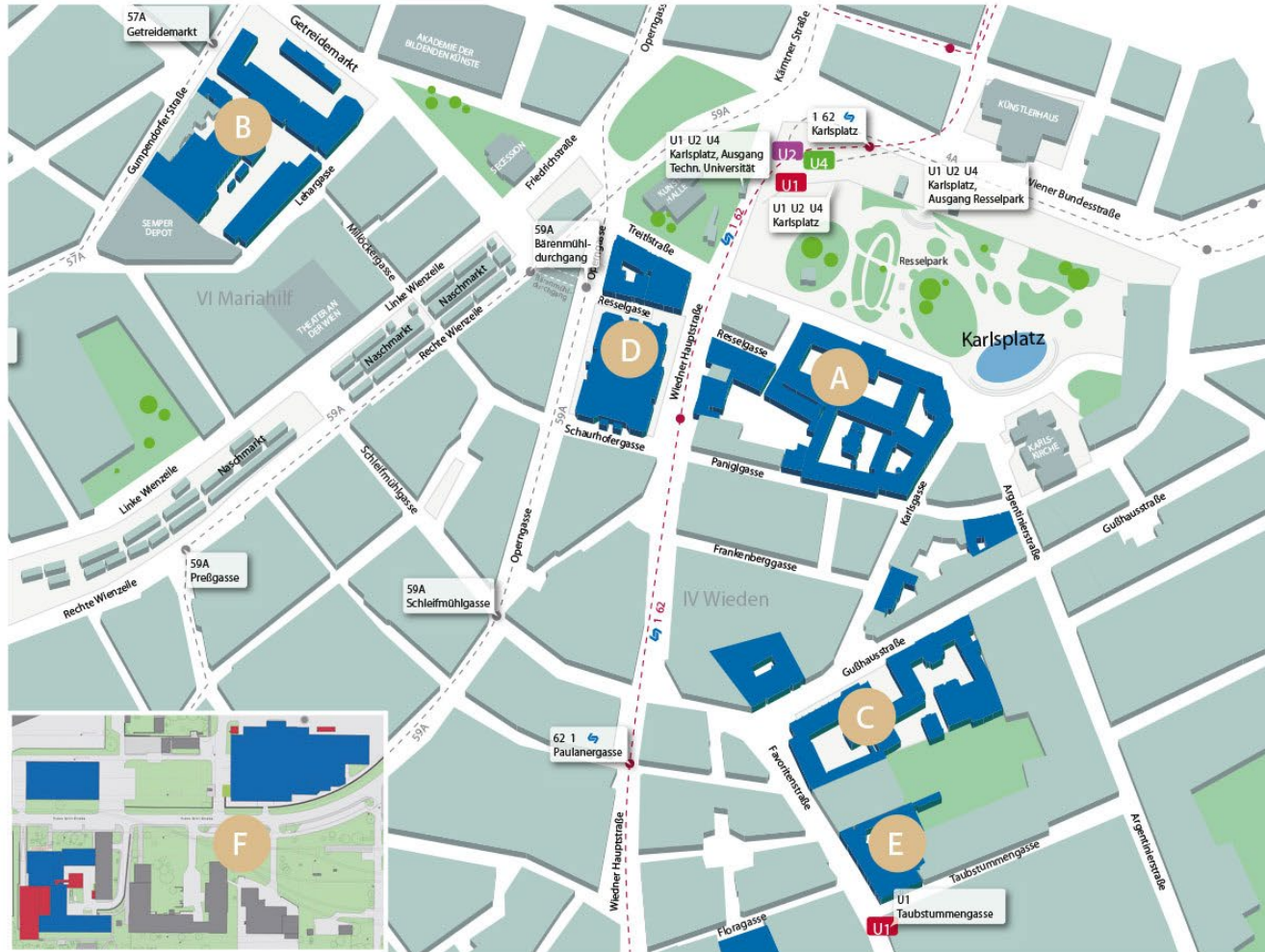
Johannes Fröhlich
Vice Rector
Research & Innovation

Kurt Matyas
Vice Rector
Academic Affairs

Organisation

8 Faculties	Bachelor + Master Programmes	Institutes
Architecture and Planning	2 + 3	7
Civil Engineering	1 + 2	9
Electrical Engineering and Information Technology	1 + 4	9
Informatics	5 + 8	4
Mechanical and Industrial Engineering	2 + 2	9
Mathematics and Geoinformation	3 & 1 + 4 & 2	4
Physics	1 + 2	4
Technical Chemistry	1 + 2	4
interdisciplinary programs	2 + 6	-
Total	19 + 32	50
2 Extended Studies	"Innovation"/"Digital Competences"	

Main Locations

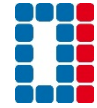


- A Campus Karlsplatz
(4., Karlsplatz 13)
- B Campus Getreidemarkt
(6., Getreidemarkt)
- C Campus Gußhaus
(4., Gußhausstraße 25-29)
- D Campus Freihaus
(4., Wiedner Hauptstraße 8-10)
- E Campus Favoritenstraße
(4., Favoritenstraße 9-11)
- F Science Center
(3., Franz-Grill-Straße 3)

Facts & Figures (2020)

Finances	
app. 292 Mio. €	global budget (incl. study fees and study fee compensation)
app. 91 Mio. €	third party funds
Staff (Heads)	
4.125	scientific staff
thereof 378	professors & ass. professors
1.281	non-scientific staff
5.406	total staff
Students	
25.951	
thereof 32 %	foreigners
thereof 30 %	women
Graduations	
2.984	1.482 BSc, 1.199 MSc, 8 Diploma Engineer, 294 PhD

Research Focal Areas



Computational Science and Engineering



Quantum Physics and Quantum Technologies



Materials and Matter



Information and Communication Technology



Energy and Environment



Additional Fields of Research



TU Ball

Already the brothers Johann and Joseph Strauss dedicated an extensive series of waltzes and polkas to the students of the kk polytechnikum at the so-called "Technikererkränzchen".



TU Orchester

The TU Orchestra has been performing since 1984, including international concert tours.



Akademische Bläserphilharmonie Wien

The *Akademische Bläserphilharmonie Wien*, based at the TU Wien is a 25 year old symphonic wind orchestra.



TU Chor

Since 2012 the TUW Choir complements the music repertoire of the TU Vienna.

The positioning of the TU Wien as an institution that creates and is interested in culture is a declared goal of our university.

www.tuwien.ac.at/kultur

CRP 2022: Location





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What are Universities of Technology for?

i²c is the Competence Center for Entrepreneurship and Innovation at TUW

Inspire

Facilitate
entrepreneurial spirit
at TUW

Educate

Offer top quality
education and coaching
for acquiring
entrepreneurial/
business competences

Innovate

Support innovative
founder teams along the
whole value chain – from
**ideation to
implementation**

Connect

Ensure the framework
needed and access to
the essential network

Together with the TUW Research and Technology Transfer Office, i²c aim for a visible and sustainable support of University spin-outs.

- The Center for Technology and Society (CTS) is being developed by the
 - TU Wien,
 - University of Vienna,
 - FH Campus Wien and
 - FH Technikum Wienas follow-up project of the ‘Zukunft Hochschule’.
- The center realizes an inter-university as well as inter-faculty cooperation on various technical and socially relevant issues.
- The medium-term goal is the establishment of joint inter- and transdisciplinary research groups and the development of corresponding study programmes and modules.
- The CTS launches trans-disciplinary studies, scientific teaching as well third mission initiatives in Vienna and in regional and international partner areas.

University of the Future

- Universities Austria launches a project: University of the Future
- Stakeholder from science, industries, government discuss the education and training requirements in 30 years' time
- The outcome is very contradictory at the moment
 - Industry and government project graduate numbers of technicians, want to achieve growth by increasing the proportion of women; education targets remain the same
 - Science says we need a new view on the whole education system, digitalization is changing work and the education system must respond to it
- The Universities of Technology are in the centre of this debate.



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Welcome at TU Wien on September 23.-24., 2022