

TTTech University & Research Program

Designed to make TTTech's leading solutions more accessible to academic researchers and professors, TTTech's University & Research Program is open to educational and research institutions worldwide. This program is aimed at promoting time-triggered technologies and advancing research in this innovative field.

TTTech originally emerged as a spin-off from the Vienna University of Technology in 1998. Since then, we have been working with a variety of academic and research institutions. This close working relationship supports us in continuously improving our solutions.

TTTech University & Research Program members benefit from considerable discounts on our products, service offerings, and support. Licenses and hardware are available for non-profit educational use. Students and professors may use our solutions for:

- Courses in the area of time-triggered technology and related systems concepts
- Graduate and undergraduate projects for various engineering and non-engineering courses
- Academic research activities where results are publicly available
- Graduate student theses

The University & Research Program allows students and faculty at colleges and universities to use TTTech's state-of-the-art hardware and software development and evaluation devices and tools for curricula and research projects.

Program Partner Categories

As a University & Research partner you can choose your level of involvement and the associated benefits.

Partner Category	Basic	Laboratory	Curriculum	Project
Focus	Easy	Explore	Experience	Engineer
	TTTech's discounted standard price list for universities applies to all academic institutions without participating in the University and Research Program.	Reasonable conditions and state-of-the-art materials enable students and faculty to get to know and apply time-triggered technology.	The field of time-triggered technology is topic of a dedicated course or program. Floating licenses enable multiple participants to use TTTech tools.	Advanced research and development as well as projects resulting in a close working relationship.

Key Benefits

The idea of the TTTech University & Research Program is to grant educational and research institutions easy access to our leading standard software and hardware products. We also benefit from this program as these research projects provide us with valuable feedback on new technologies and features. Universities and research institutions with a focus on embedded real-time systems benefit from:

- a strong knowledge base in leading technologies
- most favorable terms and conditions
- first class educational experience
- becoming part of a global expert pool for safe and reliable communication

- networking among University & Research partners and TTTech experts
- working with high-quality solutions in the field of time-triggered data communication
- substantial discounts and prices designed for research labs and teaching budgets
- reduced fees for our training courses on time-triggered technologies

The University & Research Program is intended for non-profit research institutions only and is free of charge. For further information please contact us at university@tttech.com.

Application

To apply as University & Research Partner, complete the application documents which can be obtained from university@tttech.com and e-mail the complete application package or fax it to +43 1 585 34 34-90. We ask you to inform us about your activities in the teaching or project proposal and sign an agreement. Applications can only be submitted by a faculty member of an accredited university or comparable institution. Regular academic pricing conditions without participation in the program can also be requested from this e-mail address.

TTTech's University & Research Program Partners

TTTech cooperates with several academic research institutions such as Carinthia Tech Institute, Chalmers University of Technology, FH Joanneum, and Vienna University of Technology in Europe, as well as Carnegie Mellon University, Michigan Technological University, University of California Berkeley, and University of Kansas in the USA.

Below you will find a sample project carried out within our University & Research Program Partner Program.



Red Team Robot Race

The DARPA Grand Challenge was a desert robotic race between Los Angeles and Las Vegas. Carnegie Mellon University fielded two Red Team autonomous robotic vehicles, equipped with TTTech technology. Both robots performed superbly in the 132-mile course. Red Team's Sandstorm took 2nd place and H1ghlander was 3rd. Three ECUs controlled the parking brake as well as throttle and transmission functions and one ^{TTP}By-Wire Box controlled the service brake of the H1 Hummer H1ghlander. Drive-by-wire modifications controlled the acceleration, braking and shifting of Sandstorm. Communication between these modules was accomplished through TTP.

Contact Us

Do you want to become a partner or simply receive more information? Please contact us.

TTTech Computertechnik AG
Schoenbrunner Strasse 7
A-1040 Vienna, Austria
Tel.: +43 1 585 34 34-821
Fax: +43 1 585 34 34-90
E-mail: university@tttech.com
Web: www.tttech.com

Subject to changes and corrections.