Bright Place, Bright People

City of Tampere
Tampere is the northernmost point of the triangle formed by Finland’s three major cities: Tampere, Helsinki and Turku. The population of Tampere is more than 220,000.

According to many surveys, Tampere is the most popular city in Finland. A student population of almost 50,000 contributes to the city’s active and vibrant atmosphere. Residents enjoy a high standard of living thanks to the city’s beautiful lakes, efficient infrastructure and compact size. A place with all the essentials and a unique lack of pretension, Tampere is a great place to live and study.

University of Tampere (UTA)
The University of Tampere is the most popular multidisciplinary university in Finland. Its established research traditions and cutting-edge international approach produce pioneering results in research and education.

The University’s heritage is particularly strong in the health sciences, including medicine, public health and biomedicine, and in the social and information sciences. In the social sciences, our key research themes include the study of social institutions and innovations, with the aim of responding to the needs brought about by demographic change and globalisation.

The University’s international relations are active and dynamic throughout Europe, the US and Asia. Every year, more than a thousand international students give its two campuses a cosmopolitan ambiance.
School of Information Sciences (SIS)

With its unique combination of research and study programmes, the School of Information Sciences teaches students to think differently. Research at SIS is driven by the curiosity to find out what is needed in the future. Understanding how people behave and interact with technology, what is the knowledge they must master, and how all this is applied to everyday life and business is a vast area calling for a strong research agenda and the collaborative effort of several disciplines.

The purpose of research and instruction at SIS is to respond to the increasing demand for information technology in today's society. SIS engages in research into the development of new technology and information services and offers research-based instruction. The internationally appreciated research conducted at SIS focuses on the methods and techniques of information organisation, processing and use.

The School of Information Sciences hosts three research centres:

CIS Research Center for Information and Systems
TAUCHI Tampere Unit for Computer Human Interaction
TRIM Tampere Research Center for Information and Media

Come explore exciting new opportunities with our research teams!
CIS (Tampere Research Center for Information and Systems)

“A research centre that combines top-level scientific research with industrial projects and international collaboration.”

As a multidisciplinary research centre, CIS fosters synergy between its disciplines. CIS researchers collaborate actively with both the international research community and the business world, and a significant number of its research areas are included in the field of Finland’s Strategic Centres for Science, Technology and Innovation (SHOK).

In data analysis, research topics include data mining, statistical modelling, machine learning, adaptive algorithms and computationally intensive systems. Medical information systems and traffic data are particular application areas. CIS covers the entire data food chain, including databases, data integration, heterogeneous and big data, algorithms, and end-user business intelligence and visualisations.

The main topics in mathematics and mathematical methods for computer science are number theory, algebra, algebraic geometry, logic and finite model theory, algorithms, automata, and formal languages.

In software and information systems, research topics include information system design and utilisation in organisations, requirements management, mass customisation, healthcare and industrial information systems, and open-source systems.

www.uta.fi/sis/cis
TAUCHI (Tampere Unit for Computer-Human Interaction)

“TAUCHI carries out multidisciplinary research and development in human-technology interaction by bringing together the potential of technology with human abilities, needs, and limitations.”

TAUCHI is the largest academic unit for human-technology interaction research in Finland.

TAUCHI conducts internationally recognised empirical and constructive research on interaction based on a steady stream of national funding. The national success has led to numerous projects in the European Union Framework Programmes. Other international collaboration includes such partners as Stanford University, University of Glasgow, Swedish Institute for Computer Science (SICS), Volvo Group and Nokia Research Center.

TAUCHI aims to create better ways of interaction for all users of modern technology. It uses information and communication technology to improve the quality of life of select user groups, such as mobile users, the visually impaired, children and elderly people. Several sectors of industry collaborate with TAUCHI and apply the results in their present and future products. The constructive and experimental research process is based on a profound understanding of the phenomena that have an impact on human-technology interaction.

www.uta.fi/sis/tauchi
TRIM (Tampere Research Center for Information and Media)

“Our aim is to become a leading international research centre in the transformation of games, information services and online interactive media.”

TRIM is committed to scientific excellence and to providing original research findings that benefit the global research community and society.

TRIM is a multidisciplinary centre with researchers from the computer, behavioural and social sciences as well as the humanities, design and art. Its research covers such topics as the differences in the perceived benefits of gamification, how information visualisations aid navigation in Wikipedia, and the reasons for the active and non-active use of ICT in Finnish pre-schools.

Exploratory projects are conducted with companies such as Rovio and Supercell, universities (Stanford University, University of Borås) and research institutions.

TRIM research is based on strong professionalism. Its research is internationally recognised, and its processes support scientific discourse, the critical evaluation of research results, creativity and innovation.

www.uta.fi/sis/trim
We look forward to seeing you in Tampere!