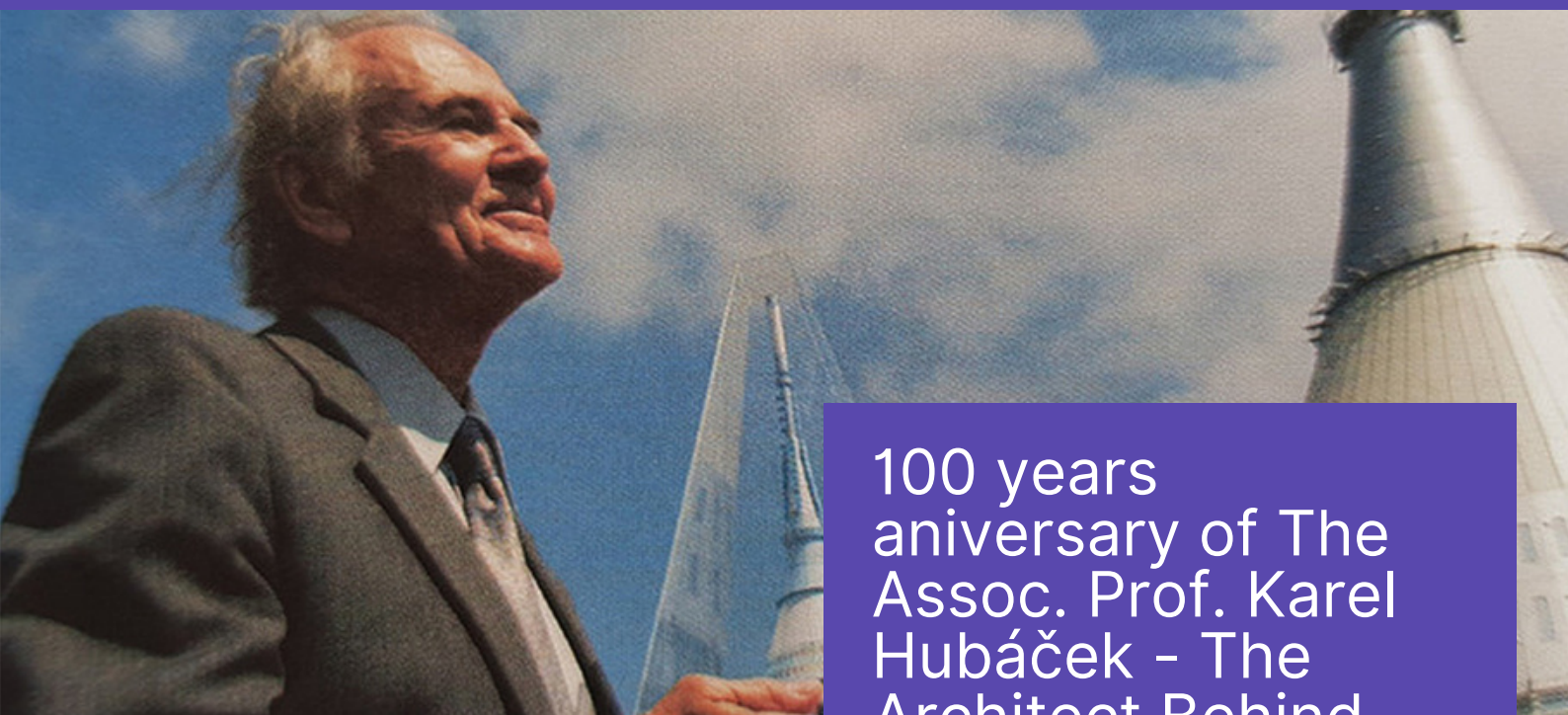


International Newsletter



Revolutionizing E-commerce: Textile Faculty's Breakthrough Label Technology

Some customers order clothes, wear them, wash them, and send them back saying that this particular piece doesn't fit their wardrobe. E-shops don't have much chance to prove that the customer has already worn and washed the garment, which is against the rules for returns. The situation is solved by a special label treatment on the garment that reveals whether the garment has been through the washing machine. The innovation from the textile faculty is cheap, easy to use, environmentally friendly, and protected by a utility model.

The technology is based on very short-dyed cotton fibers. These are applied to the garment label with a water-soluble, environmentally-friendly binder.



"After washing, no visible coloured fibers remain on the label," says Jakub Wiener from the Department of Materials Engineering at the Faculty of Textiles at TUL.

100 years anniversary of The Assoc. Prof. Karel Hubáček - The Architect Behind Liberec's Iconic Ještěd Transmitter

Assoc. Prof. Karel Hubáček, the only Czech winner of the world Perret Prize, would have turned 100 on 23 February 2024. The Liberec Region, the City of Liberec, the Technical University of Liberec and other institutions are informally declaring 2024 the Year of Karel Hubáček and are jointly planning several events to commemorate his life, work thought and legacy.

Karel Hubáček was at the beginning of our Faculty of Arts and Architecture - FAA. In the first years after its foundation, he taught students in the studio and was also the head of the department. Among other things, he was the architect of Liberec's dominant landmark - the Ještěd transmitter.





Visit of the American and Irish Ambassadors

In February, we were honored by the visit of two ambassadors to the Czech Republic, the Ambassador of the United States of America to the Czech Republic, Bijan Sabet. During his engaging discussion with TUL's management, His Excellency Mr. Sabet displayed a keen interest in the university's educational focus areas and ongoing research initiatives. Subsequently, he delved deeper into the innovative research and development endeavors of both the Faculty of Textile Engineering (FT) and the Faculty of Mechatronics, Informatics, and Interdisciplinary Studies (FM). A week later, we had the esteemed pleasure of hosting His Excellency Alan Gibbons, the Irish Ambassador to the Czech Republic, who revisited us two years after his predecessor's memorable visit. His Excellency expressed a heartfelt desire to bolster student exchanges to Ireland through the esteemed Erasmus+ program, citing his own enriching experience as one of its participants in the past. His commitment to fostering educational opportunities left an indelible mark on our discussions.

Extension of the Cooperation of the Faculty of Economics with Universities in Southeast Asia ... and beyond

In December 2023, Lenka Strýčková, Vice-dean for Foreign Affairs of the Faculty of Economics, and the Dean of the faculty, Aleš Kocourek, visited partner universities in Taiwan and Thailand. The trip's goal was to support existing projects of mutual cooperation and to get to know the representatives of the partner faculties.

In addition to the planned visits, there was an informal meeting with Dean Chia-Ho Ou and Vice-Dean Wen-Chin Chang from Taiwan's National Pintung University.

In February, the dean of the Faculty of Economics of TUL also participated in the opening panel discussion and specialized sections at the international scientific conference RTBEC2024 organized at the Rajamangala University of Technology Thanyaburi.





TUL's Successful Engagement at APAIE 2024 in Perth, Australia

At the beginning of March, we participated in the Asia-Pacific Association for International Education conference and exhibition - APAIE 2024, which is held annually in a different location in Asia under the name Study in Czechia. This year's conference was held in Perth, Australia. During the three-day fair, TUL delegates held more than 20 meetings with representatives of foreign universities, both based on existing or starting partnerships and with institutions that would like to establish partnerships with TUL. Conference also brought an opportunity for some members of the Q-helix alliance to meet and discuss further cooperation.

Attracting Talents: TUL's at the Astana Student Fair in Kazakhstan

At the end of February we attended a student fair in Astana, the capital of Kazakhstan. Representatives of our university from the International Office and the Faculty of Mechanical Engineering presented to those interested in the possibilities of studying at our school. The attendance was high and we are already looking forward to welcoming new students!



New Ph.D. Programme (in English) at the Faculty of Science, Humanities and Education - Ph.D. Nano and Microtechnology

The Ph.D. programme prepares creative scientists in research, development and innovation who will be sought-after experts for applications of nano and micro materials, for example for targeted drug delivery, biomedical and biotechnological applications, sensors, batteries, chemical catalysis or for decontamination of pollutants in the environment. The focus of the Ph.D. study is on nano and microparticles, nano and microfibrillar structures, thin films and macroscopic 3D materials with fine nano or microstructure, with a focus on their preparation, modification, characterisation and application.



The Topic of the European Union at TUL: Employment Opportunities in Europe Geopolitics in Discussions



In March, two events dedicated to European Union topics took place at TUL in cooperation with the Eurocenter Liberec, for TUL students and staff. During the first event, participants had the opportunity to learn about job and internship opportunities in European Union countries (led by the Eures representative Lenka Plašková Kvapilová) or directly within EU institutions (presented by the Czech European commission representation, Tereza Sanjuan). The event included also a meeting with representatives of the Erasmus Student Network (ESN), who introduced students to the possibility of getting involved in career development activities through ESN while still studying. The lecture was organised with the support of the lecturers from the Faculty of Economics, TUL and the Career centre TUL.

The second event enabled students and faculty members of TUL to discuss, on the occasion of the 20th anniversary of the Czech Republic's membership in the EU, geopolitical questions regarding the membership of the Czech Republic and other countries in the EU. The discussion was led with Monika Ladmanová, the head of the European Commission's representation in the Czech Republic and Martin Půta, the governor of the Liberec Region. This event was held in cooperation with the Department of Geography at the Faculty of Science, Humanities, and Education at TUL

Expanding Horizons: TUL's Strategic Engagement in the Q-Helix Alliance

TUL has extended its activities within the Q-Helix alliance, a collaborative initiative uniting 11 universities across Europe including France, Germany, Belgium, Poland, Czech Republic, Slovakia, Lithuania, Romania, Kosovo, Ukraine. This partnership aims to foster cooperation among universities, but also among businesses, governments, NGOs, and other stakeholders in regions to promote European identity and values, drive positive change, and achieve excellence for the benefit of students, faculty, and society in education and research.

During the Q-Helix meetings in Brussels in January 2024, representatives of TUL, including rector Miroslav Brzezina and vice-rector for development, Lenka Burgerová, actively participated in discussions to further extend activities within the alliance. In Brussels, the Mission Statement was signed and securing collective commitment to an innovative and inclusive approach in key topics as security, sustainability, healthcare or AI and smart technologies were discussed, marking a significant advancement in setting new standards for the alliance.





Highlights from Our Open Days at Faculties

A friendly atmosphere and positive mood awaited visitors to our Faculty Open Days, which took place from January to March. Visitors had the opportunity to visit laboratories and studios, see research results or, for example, jewellery and glass inventions, and even had an adrenaline experience when the dean of one of the faculties came to greet visitors directly in the auditorium on an electric motorbike.

Newly opened renovated gyms

We are delighted to offer new sports facilities to our students, staff and the general public. We can boast a fully equipped gym as well as a small comfortable sauna. All of this is at discounted prices for TUL staff and students.



Ukrainian Students at TUL: Language Courses Open Doors to Education

Kateryna and Dmytro are students from Ukraine whose lives were turned upside down by the war two years ago. Both young people found a new home and life direction in Liberec, where they are among dozens of students with temporary protection status. They were able to enter the university thanks to intensive Czech language courses organised by the Centre for Further Education of TUL and the International Office of TUL, so that they could start their studies at TUL or another Czech university as soon as possible. Each student completed 220 hours of Czech.

Although they are safe here, there is still fear for their families and friends back home in Ukraine. They have not been home for more than 2 years.

In the academic year 2022/2023, TUL accepted 46 students from Ukraine with temporary protection.



UPCOMING EVENTS:



Invitation to International Conference on Theory of Machines and Mechanisms

Under the patronage of the international organization IFToMM and the Czech Society for Mechanics, the Department of Textile and Single Purpose Machines Kts FS is organizing the 14th International Conference on Theory of Machines and Mechanisms, which will take place in Liberec from 3 to 5 September 2024.

The conference focuses on general machine and mechanism theory, machine and mechanism dynamics, biomechanics, mechatronics, machine control and monitoring systems, robotics, computational mechanics, etc.

All interested persons are cordially invited. Researchers from 14 countries participated in the last edition.

www.tmm-conf.net

Save the date: International Day at TUL October 16, 2024

The event aims to promote mobility abroad and the internationalisation of academia, education and society.

For more information see our website:



Join Us for a Celebration of Diversity and Language Exchange at TUL!

We're thrilled to announce two upcoming events that promise to bring our community together in a celebration of culture and language. First up is Speak Dating, an interactive language exchange where you can engage in short conversations with native speakers of various languages. It's a casual and friendly atmosphere designed to encourage cultural exchange and language learning through informal interactions. Then, get ready for the Flag Parade, a vibrant march through Liberec's streets, where participants proudly carry flags representing different countries and cultures. Starting at University Square and progressing through the city center, this visually striking event spreads the message of cultural appreciation and unity. Don't miss out on these opportunities to connect, learn, and celebrate the rich tapestry of our global community. Join us at Technical University of Liberec and be part of something special.

See you on April 22!

