

[back to main page](#) | [export it to PDF](#)

Technology park at TBU in Zlín

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E-mail:

WWW: <https://uni.utb.cz/organizacni-cleneni/vedeckotechnicky-park-pri-utb-ve-zline/>

Reg.nr.: 70883521

Director: prof. Ing. Petr Sáha, CSc.

Deputy: Ing. Ivana Bartoníková, bartonikova@utb.cz

Operating data of the park

Membership in STPA: YES

State of the park: accredited

Partner in project SPINNET: NO

Launch day: 1.3. 2008

Founder(s): TBU in Zlin

Owner(s): TBU in Zlin

Operator(s): TBU in Zlin

Type of entity: University

Criteria for acceptance of innovation firm: LE in the territory of the CR of activities of R&D, field of ind. plastics or food & related fields.

Description of the park

Introduction

Úvod anglicky:

The Technology Park (TP) at TBU in Zlín provides complex infrastructure to support innovation entrepreneurial activities in the Zlín region and its surrounding areas. With its excellent services it supports innovative companies, science, research and development. It is a leading provider of a broad range of services.

TP offer:

- Helps to arrange contacts with staff of TBU research Centres which can lead to realizing innovation or research projects;
- Possibility to use of Footwear Research Centre (FRC) services including accredited Shoe Testing Laboratory according to ČSN EN ISO / IEC 17025: 2018 General requirements for the competence of testing and calibration laboratories
- Possibility to use accredited clean room (certified class „C“);
- Using the services of the Technology Transfer Center staff;
- Conferences, workshops and other events organized by TP;
- Offices and laboratories to rent;
- Complex services in the field of intellectual property protection, including: searches, analyses and

patent representations carried out by high experienced specialists.

It offers luxury space for rent - above standard equipped offices and laboratories, technical and social facilities, meeting space for seminars and workshops of a total size of 5,600 square meters - to entrepreneurs, innovative companies, and research and development staff.

Services within the TP are provided by internationally renowned researchers, experts in analysing, examination, measurement, and testing of materials and products, as well as development and examining of new technologies, dealing with technology and processing issues, etc.

The Technology Park has been built up by virtue of the project entitled "Technology Park and Technology Transfer Centre at TBU in Zlín". The project has been financed from the European Fund for Regional Development, by the Ministry of Industry and Commerce of the CR and by Tomas Bata University in Zlín within the Industry and Business Operational Programme, PROSPERITA programme.

Description of technology transfer

Transfer technologií anglicky:

30.4.2019 establishment of the Footwear Research Centre

Successful transfer projects:

- LS 2016001597 - the transferee HEALTHY and HAPPY, s.r.o.

the right to use the invention entitled „A method of producing a wine with a natural antioxidant capacity and a low SO₂ content“ protected in the Czech Republic by patent No. 304727

- LS 2017000004 - Acquisitor SIEMENS, s.r.o.

the right to use the invention entitled „Tapping tool with exchangeable functional part“ protected in the Czech Republic by patent No. 306083

- LS2017000414 - Javorník - CZ, s.r.o.

the right to use know-how „The production of hard cheese without creating eyes“

- LS 2018000118 -SIEMENS, s.r.o.

the right to use the invention entitled „Tapping tool with exchangeable functional part“ protected in the Czech Republic by patent No. 30782

- LS 2018000737 - Miomove, s.r.o.

Share transfer of utility model No. 31541 entitled „Smart footwear with a comprehensive system of monitoring data of its user“ protected in the Czech Republic

- LS 2018001203 -SIEMENS, s.r.o.

the right to use the invention entitled „A method of positioning the hammer of a manual tapping tool and a tapping tool for its execution“ protected in the Czech Republic.

The transfer of knowledge gained from basic research into practice is provided by CTT within TBU, which was established in 2008. The CTT provides university scientists and collaborating companies a set of professional services focused mainly on the field of industrial and legal protection of research results

and development and ensuring their rapid and effective delivery to practice, including consultancy, analysis

industrial relations and professional services of patent attorneys. In addition, CTT performs direct representation

TBU on industrial rights before the Industrial Property Office, European Patent Office, The EU Intellectual Property Office and the World Intellectual Property Organization. The

development of CTT's activities and services is in line with the needs of the region and regional partners and contributes to ensuring the functional transfer of the results of applied research activities into practice.

CTT TBU has already signed 22 licensing and 9 contracts in the domain of technology transfer and supported 14 projects on the basis of proof-of-concept.

Innovative entrepreneurship training

In 2018, TTC realized 4 seminars focused on: news in intellectual properties protection, innovation and technology in the Zlín region and support of commercialization. The seminars were carried out within the framework of the Operational Program Research and Development for Innovation entitled Development of TTC at TBU in Zlín and within the Operational Programme Education for Competitiveness entitled From the development of knowledge to innovation.

In 2018, TTC organized an information seminar with aim to support proof-of-concept activities based on the results of the project GAMA (Commercialization at Tomas Bata University in Zlín). In April 2018 international conference Plastko 2018 was organized. The aim of the conference was to present the results of research and development, outputs of innovative projects and evaluation of trends in the field of polymer chemistry, plastic industry development and other related aspects.

Advisory services

TBU, via research centers CPS and CEBIA-Tech, offers to application sphere a wide range of possibilities for cooperation: contractual research, cooperative projects (supported by the Czech Agency of Technology and sectoral providers), solution of technical and technological problems, and rental of equipment. In advisory services are included as well as analyses and expert studies, the optimization of technological processes.

In 2018, TBU was involved in the challenges of the new project opportunities for cooperation with the application sphere within the framework of GAMA (TAČR) project and services offered by the accredited Footwear Testing Laboratory including the services of the Internal Auditor ISO 13485:2016, ČSN EN ISO/IEC 17025:2018.

Innovation infrastructure

STP at TBU in Zlín, supports innovative companies, science, research and development and provides a wide range of services with professional guarantee.

STP offers high standard equipped offices and laboratories, technical and social facilities, seminary rooms, with a total area of 5 490 m² and certified clean rooms class „C“ (ČSN EN ISO 14644 Clean rooms and relevant environmental management, ČSN EN ISO 13485 Quality Management System) with the supervision of notified body No. 1023 (Institute for Testing and Certification, Zlín).

TP UTB offer services of the accredited Shoe Testing Laboratory according to ČSN EN ISO / IEC 17025: 2018 General requirements for the competence of testing and calibration laboratories

TP has a lucrative location in the center of Zlín and is a member of the Society of Science and Technology Parks of the Czech Republic, www.svtp.cz

Cooperation with universities

Intersectoral cooperation between students and academic staff is supported at national and international level. Example of national cooperation is Center of Competence project (researchers and doctoral students cooperate with industrial sphere in problem solving and innovation implementation). Foreign activities are mainly involved in the preparation and solution of

international projects supported by the European Research and Innovation Staff Exchange (RISE), European Cooperation in Science and Technology (COST) and programme Interreg.

Services provided to innovation companies

by STP

external

Consultancy

-
-

business plans

-
-

technological advisory

-
-

patent advisory

-
-

certification advisory

-
-

financing advisory

-
-

accounting

-
-

legal advisory

-
-

marketing advisory

-
-

education (courses for entrepreneurs)

by STP

external

Technical services

-
-

secretarial services

-
-

telephone exchange

-
-

telephone, fax

-
-

copy

-
-

text processing

-
-

reception

-
-

buffet, canteen

conference space

computer for technical usage

workshops

laboratories

access to data banks

exhibition space

by STP

**external
Financing**

equity

credits

subsidies

other forms

Service expenses

STP service costs

only according to actual costs

only fixed payment tariff

fixed payment and additional charge for use

in lumps: rent, security, cleaning, phone, post

Oher costs (p.a.)

acc. to usage

fixed CZK/m2

heating

electricity

others

□

total

**Rent (p.a.)
CZK/m2**

office space
1464

production space
3324

others
2244

Statistical data

innovation
other
institutions

**TOTAL
Companies**

8
1
9

Employees

47
29
76

Rented area m2

326
5164
5490

STP

Land area

3569 m2

Built up park area

5900 m2

Utility area

5490 m2

- Rented area

5490 m²

= Remains for rent

0 m²

Innovation companies

Borealis

Reg.nr.: 48582140

With more than 50 years of experience in polyolefins and using our unique Borstar® technology, we focus on providing plastic materials to the infrastructure, automotive and advanced packaging markets across Europe, the Middle East and Asia.

Martin Obadal

Tel.: +420731151632

E-mail: martin.obadal@borealisgroup.com

WWW: <http://www.borealisgroup.com/>

Technologies:

9006 - Polymer chemistry

Branches:

25 - Manufacture of rubber and plastic products

Chiromed group

Reg.nr.: 49432681

SINCE 2007 Our company is engaged in the development, innovation and manufacture of medical devices since 2007. Our customers include Eye Clinics, Clinics of Reproductive Medicine, a private gynecological clinics, professional cosmetic facilities, veterinary clinics and private doctors.

Ing. Tomáš Sáha, Ph.D.

Tel.: +420 576 038 157

E-mail: info@chiromedgroup.cz

WWW: <http://www.chiromedgroup.cz>

Technologies:

0300 - Production and process engineering

0700 - Medical and health engineering

0704 - Medical equipment and systems

0705 - Public Health

1208 - High performance polymers

1217 - Composite materials

9007 - Fabrice from Plasticine

Branches:

25 - Manufacture of rubber and plastic products

73 - Research and development

JELÍNEK - TRADING

Reg.nr.: 42339723

Established in 1991

RECYCLING OF PLASTICS, PRODUCTION OF REGRANULATES AND KOMPAUNDS

JELÍNEK-TRADING is a leading Czech plastic waste processor and producer of high-quality PP regranulates and compaundas. We guarantee our customers consistent quality in delivering regranulates and compaundas from our production that are suitable for injection, extrusion and other applications.

www.jelinek-trading.cz

PLASTIC INJECTION, PRODUCTION OF COMPOSTERS

In addition to plastic injection, we produce extremely high-quality and affordable recycled plastic composites, proven by proven and proven AFNOR certification from Paris. Composters are available in many sizes with different volumes (from 350 to 1380 liters).

www.kompostery.cz

PRODUCTION AND SALE OF TRANSPORTATION AND CONTROL TECHNOLOGIES

We deliver state-of-the-art technologies for separating, detecting, dusting and transporting materials in any operation. We will help you ensure clean operation, compliance with ISO standards and security of your own technologies.

www.pro-technology.cz

Ing. Otto Jelínek

Tel.: +420 577 590 910

E-mail: zlin@jelinek-trading.cz

WWW: www.jelinek-trading.cz

Technologies:

9007 - Fabrice from Plasticine

Branches:

25 - Manufacture of rubber and plastic products

37 - Recycling

Ka.Zem studio

Reg.nr.: 02209284

Interior design and realization including technical coordination of the building

MgA. Kateřina Zemánková

Tel.: +420775328650

E-mail: katerinazemankova@email.cz

WWW: <http://www.kazem.cz>

Technologies:

9900 - Other

Branches:

93 - Other service activities

KOALA42 s.r.o.

Reg.nr.: 06841945

Software development, web and mobile applications.

Web Apps Development, Mobile Apps Development, UI & UX Design.

We build single-page applications (SPA) which provide a more flexible, desktop-like user-experience and better performance.

Our services include creating backend applications and integrating other services.

Tools we love to use are ReactJS, Angular and NodeJS.

Jan Jelínek

Tel.: +420728488116

E-mail: jan.jelinek@koala42.com

WWW: <https://koala42.com/>

Technologies:

0400 - Information and communications technology

0407 - Information and communications technology (other)

0408 - Information management

0410 - Mobile telecommunications

0411 - Multimedia

9011 - Software development

Branches:

72 - Computer and related activities

74 - Other business activities

93 - Other service activities

PRL polymer Research Lab

Reg.nr.: 29309239

PRL offers, on the basis of its expertise, projects related to design, simulation, production of measuring equipment, products and systems up to construction engineering services:

- Technical Design, Animation, Modeling
- 3D construction
- 2D drawings - drawing drawings and drawing documentation from 3D models
- 3D models - creation of 3D models according to supplied drawings
- Simulations and calculations

Dr.Ing. Radek Stoček

Tel.: +420 576 038 010

E-mail: mail@prl-z.com

WWW: <http://www.prl-z.com/>

Technologies:

0300 - Production and process engineering

0304 - Production and process engineering (other)

0415 - Simulation technology

Branches:

72 - Computer and related activities

73 - Research and development

Röchling Engineering Plastics, s.r.o.

Reg.nr.: 26439441

Thermoplastic and duroplastic plastics for technical applications.

Our plastics are used in almost all industries worldwide. The following applies: Each industry places its own specific requirements on materials. That's why we deal with the requirements of our customers in great detail. Our goal: To develop products tailored to your application.

Jan Michalíček

Tel.: +420381200288

E-mail: jan.michalice@roechling-plastics.cz

WWW: www.roechling-industrial.com

Technologies:

0302 - Production and process engineering

1200 - New materials

9900 - Other

Branches:

45 - Construction

93 - Other service activities

Tech eco

Reg.nr.: 24740268

Waste disposal and disposal company.

- Complete Facility service

- Maintenance of buildings and facilities, construction works including crafts

It performs the remediation of industrial buildings, water works, removal of ecological burdens and accidents.

It also deals with the production, distribution and installation of carbon filters for cars, agricultural machinery and industrial sites.

Performs demolition of buildings,

disinfection, disinfection and deratization of objects and surfaces.

Aleš Běhula

Tel.: +420 773 041 111

E-mail: techeco@techeco.cz

WWW: www.techeco.cz

Technologies:

1500 - Environmental engineering

1501 - Waste management

1503 - Soil and redevelopment

1505 - Environmental analysis and measuring techniques

Branches:
37 - Recycling

Subject:
Technische Universität Chemnitz

Country:
Germany

Type of cooperation:
common project

Description: Establish an audit standard of processes for the manufacture and testing of recycled rubber products through an online collaboration network.

Contact web:
<http://www.tu-chemnitz.de>

Contact e-mail:
michael.gehde@mb.tu-chemnitz.de

[back to main page](#) | [export it to PDF](#)