



The Silesian University of Technology  
Gliwice, Poland



## *Silesian University of Technology Gliwice, Poland*



Jerzy Mościński, Bureau of International Cooperation in Science and Technology



The Silesian University of Technology  
Gliwice, Poland



The Silesian University of Technology was founded on 24th May **1945**. When created, the University consisted of **4** faculties:

- **Mechanical Engineering**
- **Electrical Engineering**
- **Metallurgy**
- **Civil Engineering**



Its core faculty members were in majority the former professors from Lvov University of Technology, founded in 1844, (at present belongs to Ukraine).

Nowadays the didactic, scientific and research activities are run in modern laboratories and lecture halls by highly qualified academic staff consisting of about **1900** academics.

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**The Silesian University of Technology is a self-governing state university supervised by the following elected bodies:**

**Rector** - a supreme one person body: Professor Andrzej Karbownik

**4 Vice-Rectors:**

**Vice-Rector for Organisation**  
Professor Leszek Blacha

**Vice-Rector for Research**  
Professor Jan Ślusarek

**Vice-Rector for International Cooperation**  
Professor Jerzy Rutkowski

**Vice-Rector for Education**  
Professor Stanisław Kochowski

**Senate** - a collective body of faculty members, staff and students



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**The Silesian University of Technology (SUT) has been established as the first technical university in the district of Upper Silesia, the most industry-oriented region of Poland. Its creation has allowed meeting the specific industrial requirements and needs in the scope of highly qualified staff and modern techniques & production technologies.**

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**The Silesian University of Technology mission:**

- to be one of the best and leading technical universities in Poland where education of prospective engineers is based on the modern European curricula,
- to be up to any national and international challenges and goals within the European Union,
- to be open for wide international co-operation, especially in the range of common internationalisation of almost all aspects of human activities.

**Seeing its mission as above, the Silesian University of Technology lays out its strategy as follows:**

- further international co-operation as one of the main needs of the contemporary academic society,
- promotion and support of the education & training co-operation with the EU Members States including participation in various European programmes.

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**SUT IN NUMBERS**

**STAFF**

- Academics Staff - 1860 therein 350 independent (professors)
- Supporting Staff - 1570
- Total** - **3430**

**STUDENTS**

- PhD students - 832
- Full time studies - 23062
- Evening studies - 5924
- Part time studies - 2382
- Extramural studies - 85
- Total** - **32285**

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**12 FACULTIES:**

- Faculty of Architecture
- Faculty of Automatic Control, Electronics and Computer Science
- Faculty of Civil Engineering
- Faculty of Chemistry
- Faculty of Electrical Engineering
- Faculty of Mining and Geology
- Faculty of Energy and Environmental Engineering
- Faculty of Mathematics and Physics
- Faculty of Mechanical Engineering
- Faculty of Materials Science and Metallurgy
- Faculty of Organization and Management
- Faculty of Transport

**Faculties are located in:**

Gliwice – 9  
Katowice – 2  
Zabrze - 1  
The University also includes a subsidiary Engineering Education Centre in Rybnik.

**SUT offers:**

B.Sc. Study  
M.Sc. Study  
PHD Study

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The University is involved in the student exchange programme within SOCRATES/ERASMUS framework since its beginning in Poland, i.e. since 1998/99.

**INCOMING STUDENTS**

- ✓ Each academic year to the Silesian University of Technology are coming about 50 foreign students mostly from Socrates/Erasmus program
- ✓ Most of the students comes from Spain, Portugal, France, Germany, Netherlands, Turkey and Italy

**OUTGOING STUDENTS**

- ✓ The SUT co-operates with over 120 European universities under the SOCRATES/Erasmus scheme
- ✓ About 220 - 250 students per year go abroad to study as the Erasmus beneficiary, mainly to Denmark, Germany, UK, France, Finland, Portugal, Spain, Sweden and the Netherlands.

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### Leonardo da Vinci program



1	„Mobility for Practical Placement Programme”	17.11.2001 - 30.06.2003	24 beneficiaries
2	„Mobility for Practical Placements for Students”	01.10.2002 - 31.05.2004	32 beneficiaries
3	„Practical placements for PhD students in FIAT, Torino, Italy” SUT – FIAT 2004	01.06.2004 - 31.05.2006	10 beneficiaries
4	„Practical Placements for University Students” PLUS	1.06.2005 - 31.05.2007	29 beneficiaries
5	„Practical placements for PhD students in FIAT, Torino, Italy” FIAT – SUT 2006-2008	01.09.2006 – 31.05.2008	8 beneficiaries

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### International Cooperation in the field of Science, Technology and Education based on Bilateral Agreements



- Germany
- Russia
- USA
- France
- Czech Republic
- Slovakia
- Denmark
- Ukraine
- Spain
- Portugal
- Hungary
- Finland
- Romania
- Canada
- Australia
- Egypt
- China
- Vietnam
- Korea
- Japan
- Lithuania
- Latvia
- Estonia

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## Regional Contact Point (RCP)

- is a part of Contact Points Network and coordinated by National Contact Point (NCP) in Warsaw
- was established in 1999
- is responsible for providing information, trainings, consultations, assistance within:
  - 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> Framework Programmes
  - Structural funds ERDF and ESF
  - Regional Mobility Information Centre
  - Other international programmes

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## Network of Local Contact Points

- Polish Technological Platform-Rail Transport
- Polish Technological Platform-Environment
- Polish Technological Platform of Non-ferrous Metals
- Institute for Chemical Processing of Coal
- Upper Silesian Agency for Regional Development
- Central Mining Institute
- Inorganic Chemistry Institute
- University of Opole
- University of Silesia
- Czestochowa University of Technology
- University of Bielsko-Biala
- Silesian Medical University
- Inorganic Chemistry Institute
- University of Economics
- Opole University of Technology
- Techno-Park Sp.z o.o

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### Examples of SUT's research projects – FP 5



Lp	PROJECT TITLE	PROJECT ACRONYM
1	Assessment of technologies for the removal of pharmaceuticals and personal care products in sewage and drinking water facilities to improve the indirect potable water reuse	POSEJDON
2	Development, characterisation and scaling of atomizers for a combustion technology that offers significant fuel savings and drastic reductions in both CO <sub>2</sub> and NO emissions	OIL-TECH
3	Advanced infrastructure for Pan-European collaborative engineering	E-COLLEG
4	Thermo-mechanical fatigue – the route to standardisation	TMF STANDARD

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### Examples of SUT's research projects – FP 5



Lp	PROJECT TITLE	PROJECT ACRONYM
5	Network of European medium- and Large-scale Transport Research facilities Operators	INSTRANET
6	Rapid Response Source Term Indicator Based on Plant Status for Use in Emergency Response	EU-STERPS
7	400 years of Annual Reconstructions of European Climate Variability using a High Resolution Isotopic Network	ISONET
8	High-resolution continental paleo-climate record from Lake Baikal: a key-site for Eurasian teleconnections to the North Atlantic Ocean and monsoonal system	CONTINENT

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### Examples of SUT's research projects – FP 6

Lp	PROJECT TITLE	PROJECT ACRONYM
1	Network of Excellence: General Olfaction and Sensing Projects on a European Level	GOSPEL
2	Research and training on restoration and protection of the city environment in industrial regions	REPROCITY
3	Polish Network of Mobility Information Centres	PL-MOC NETWORK
4	Superhigh energy milling in the production of hard alloys, ceramic and composite materials	ACTIVATION

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### Examples of SUT's research projects – FP 6

Lp	PROJECT TITLE	PROJECT ACRONYM
5	European Rail Research Network of Excellence	EURNEX
6	European Accessible Information Network	EUAIN
7	Optimization of Systems, Energy Management and Environmental Impact in Process Engineering	INSPIRE
8	Absolute time scales and isotope studies for investigating events in Earth and human history ATIS	ATIS
9	Researchers Night 2006 in Gliwice – Re-search IT in your life!“	Re-search IT

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### Examples of SUT's research projects – FP 7

Lp	PROJECT TITLE	PROJECT ACRONYM
1	Researchers' Night – Cracow and Gliwice Together , 2007	RESEARCHERS' NIGHT
2	Teachby Play. Enjoy Yourself with Researching	TEACHBY PLAY
3	Chernobyl Tissue Bank	CTB
4	Nanoporous Anodic Oxides for the Functionalization of Metal Surfaces	NANOXID

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