Every university, in Poland as well as abroad, has to
develop. Some do it better, faster and wiser, while
others fail. Our aim is to ensure that Gdańsk
University of Technology stays within the former
category. It is obligatory not only for our success,
but also for our survival.

To fulfill this commitment, our university offers
attractive fields of study and cutting edge scientific
infrastructure. Proud of its long academic tradition,
GUT remains one of the best Polish technical
universities. Tens of thousands of students,
including an ever-increasing number of international
students, have trusted us. Our graduates are highly
valued by their employers. Our international
relations and cooperation with numerous research
and development centers constitute an
unquestionable asset.

There is no time to rest, though. New challenges arise
for higher education, and it will be necessary for us to
face them. Satisfied with our achievements, we need
to keep measuring them against the successes of
others, engage in ambitious endeavors and
consequently work towards their completion.

High quality didactics requires high quality scientific
research. Remembering that the results of such
research have to be shared with the world, we are not
afraid of new challenges. After all, our place is within
the international scientific community!

This publication contains the most important
information about our university. I trust it will
convince you that Gdańsk University of Technology is
a strong brand which you can build with us.

Prof. Jacek Namieśnik
Rector of Gdańsk University of Technology
The cornerstone of the university building was embedded on the 7th of June 1900. Within the next four years buildings of total volume exceeding 200,000 m³ were erected on the area of 6.4 ha. Back then, the university was divided into six faculties: Architecture, Chemistry, Construction, Machine Engineering and Electrotechnics, Shipbuilding and Ship Machine Engineering and General Sciences. Organization of the university was based on the Royal Technical University in Aachen, Prussia. The only exception was the Faculty of Mining, which due to the coastal location of Gdańsk was replaced by the Faculty of Shipbuilding and Ship Machine Engineering.

The university buildings were erected for 600 students, with the possibility of increasing this number to 1,000. Executive design of the Gdańsk University of Technology campus, which was then called Königliche Technische Hochschule zu Danzig (The Royal Institute of Technology in Gdańsk) was prepared by Prof. Albert Carsten, an outstanding architect. The architectural concept was designed by Hermann Eggert and Georg Thür. As the university developed, the campus was extended as well, with new buildings erected. Recent additions include the Nanotechnology Centre, the LINTE^2 Laboratory and the Immersive 3D Visualization Lab. In total, the university owns 625 didactic and research laboratories. GUT also provides modern housing for 2764 students in 12 dormitories as well as possesses a high quality Academic Sports Centre.

The monumental Gdańsk University of Technology Main Building will always be its everlasting symbol. Designed in the Dutch Renaissance Revival style, it was distinguished as a well kept monument by the Polish Minister of Culture and National Heritage.

Gdańsk University of Technology is situated in the centre of Wrzeszcz, a district well connected with every part of Gdańsk, as well as Gdynia and Sopot. A charming lime tree alley leads to its Main Building, which is topped by a clock tower restored in 2012, after 67 years. The whole campus can be found at Gabriela Narutowicza Street and is truly one of the most beautiful academic facilities in Poland. Today it occupies the area of 77 ha, ten times more than in its early days.

1904
On the 6th of October the first academic year began at Gdańsk University of Technology, which was then called Königliche Technische Hochschule zu Danzig (The Royal Institute of Technology in Gdańsk)

1921
The Treaty of Versailles gave control over the university to the Free City of Danzig

1921–1945
The university was subdued to the Reich government in Berlin

1945
On the 24th of May GUT became a Polish national university

2004
The 100th jubilee of the university

2014
The 110th jubilee of the university

2020
GUT implements the SMART University vision
Our university was created with a significant contribution from the Danzig Research Society, one of the first scientific organizations on the Polish land. The society was conducting and promoting research related to the study of nature. Influential Gdańsk families had been donating their priceless volumes to the society library. In 1923, by an arrangement between the organization and the Free City of Danzig Senate, this collection of 30 thousand books became the university property.

In 1945 the library was moved to Germany along other university collections. A year later 853 volumes which belonged to the library were donated to the National Library (now university library) in Bremen. In 1993, after an official visit of the Gdańsk delegation in Bremen, two books were returned to the Gdańsk University of Technology Library. The remaining volumes were returned in the year 2000.

DID YOU KNOW...

On the 22nd of September 2010, by decision of the Gdańsk University of Technology Senate, the southern courtyard (equipped with the Foucault pendulum) was named after Johannes Hevelius, while the northern one was dedicated to Daniel Gabriel Fahrenheit. The courtyards were fitted with images of these famous Gdańsk citizens.

THE UNIVERSITY PATRONS

**Johannes Hevelius**  
(born 28.01.1611 in Gdańsk – died 28.01.1687 in Gdańsk)

**Daniel Gabriel Fahrenheit**  
(born 24.05.1686 in Gdańsk – died 16.09.1736 in The Hague)
GDAŃSK UNIVERSITY OF TECHNOLOGY IN NUMBERS

EDUCATION

- 9 faculties
- nearly 25,000
- over 1,200 lecturers
- more than 111,000 graduates

STUDENTS

- Postgraduate and MBA studies: 1,044 students
- Doctoral studies: 667 students

2 main components of the MBA studies:
- 44 fields of study (undergraduate & graduate), including:
  - 6 interfaculty fields of study
  - 3 inter-university fields of study
  - 18 fields of study and specializations in English (undergraduate & graduate)
  - 59 postgraduate fields of study
  - 8 faculties offering doctoral studies (Ph.D.s) in 19 fields of study

The GDAŃSK UNIVERSITY OF TECHNOLOGY IN NUMBERS chart shows:

- 2,4837 students
- Graduate studies 5,549 students
- Undergraduate studies 17,577 students
- Doctoral studies 667 students
- Postgraduate and MBA studies 1,044 students

*2015

RESEARCH

- 805 project agreements signed in the years 2007–2015, including:
  - 646 – national research programs
  - 87 – structural funds
  - 59 – international research programs and framework programmes
  - 13 – international education projects

INNOVATION

- 6 spin-off companies are based on technology developed at GUT
- 130 ICT entities belong to the Interizon cluster, which is managed by the GUT Faculty of Electronics, Telecommunications and Informatics
- GUT participates in 7 business clusters
- GUT researchers obtained 250 patents within the last ten years
- 700 contracts with entrepreneurs were signed within the last three years

TOTAL NUMBER OF STUDENTS

- 25,000
- 20,000
- 15,000
- 10,000
- 5,000
- 0

Years:
- 1994
- 1996
- 1998
- 2000
- 2002
- 2004
- 2006
- 2008
- 2010
- 2012
- 2014
- 2015

INNOVATION
**COOPERATION**

- 360 international agreements with universities and other organizations, including 250 international mobility program agreements
- GUT belongs to many international associations: CESAEER, BSRUN, EUA, CDIO
- GUT participates in numerous international programmes, including Erasmus+, Erasmus Mundus, EEA and Norway Grants, CEEPUS

**ORIGIN OF INTERNATIONAL STUDENTS**

- Number of international students over 60 different nationalities

**QUALITY AND DEVELOPMENT**

- 3rd PLACE in the Polish Ministry of Science and Higher Education ranking of the most popular universities
- 2nd PLACE in the National Compensation Survey for technical university graduates
- 5th PLACE among technical universities in a scientific ranking classifying universities according to the h-index prepared by the “Polityka” magazine
- 9th PLACE GUT is among 9 Polish universities listed by the Times Higher Education World University Rankings

**NUMBER OF INTERNATIONAL STUDENTS**

- 293 in 2012
- 382 in 2014
- 546 in 2015
- 683 in 2016
GUT IS AMONG THE 800 BEST WORLD UNIVERSITIES

Gdańsk University of Technology and nine other Polish universities are listed by the Times Higher Education World University Rankings. GUT is among the 800 best universities in the world. The ranking is based on the following factors: citations, industry income, international outlook, research and teaching.

GUT IS ONE OF THE BEST EUROPEAN TECHNICAL UNIVERSITIES!

Since October 2015 GUT belongs to the Conference of European Schools for Advanced Engineering Education and Research – an organization of the best European technical universities. Presently CESAER includes more than 50 universities in 24 countries. GUT is the third Polish university among them.

RECORD NUMBER OF PATENT APPLICATIONS

According to the European Patent Office report from 2016, Gdańsk University of Technology filed the biggest number of Polish patent applications. Most of them were submitted by scientists from the Faculty of Chemistry and the Faculty of Electronics, Telecommunications and Informatics. GUT filed 23 applications in total.

THE HIGHEST LEVEL OF BUSINESS EDUCATION

MBA studies offered by the Faculty of Management and Economics were awarded with the international Association of MBAs (AMBA) certificate. Officially granted in March 2016, this accreditation guarantees the highest quality of education. Only 2% of universities in the whole world have obtained this distinction!

STUDIES WITH THE FUTURE

Two fields of study offered by Gdańsk University of Technology were certified during the first edition of the Polish Field of Study Accreditation Program “Studies with the Future”. Construction Chemistry (undergraduate) and Ocean Engineering (undergraduate & graduate) were acknowledged as modern and innovative fields of study which correspond to the requirements of their socio-economic environment.

CHEMISTRY AND MANAGEMENT GRADED “EXCEPTIONAL” BY THE POLISH ACCREDITATION COMMITTEE

Chemistry and Management are two fields of study offered by Gdańsk University of Technology which were graded “exceptional” by the Polish Accreditation Committee (PKA). Only six management studies in the whole country were given this grade, constituting not more than 1% of them all. GUT is also the only university in the region which received this merit, given on the basis of education quality as well as overall academic activity.
The "Brief" magazine published a list of creative scientists, mentioning two teams which work at Gdańsk University of Technology and successfully commercialized their inventions. It includes the team of Prof. Andrzej Czyżewski from the Faculty of Electronics, Telecommunications and Informatics, creators of the CyberEye system, which was commercialized as C-Eye by the AssisTech company. The team of scientists from the Faculty of Civil and Environmental Engineering which developed a method of increasing the load-bearing capacity and decreasing the subsidence of large-diameter pillars was also mentioned on the list. The method was invented by professors Adam Bolt, Kazimierz Gwizdała, Andrzej Tejchman and Zdzisław Przewłocki and applied in the construction of the Kwiatkowski flyover abutments in Gdynia as well as the Third Millennium John Paul II Bridge in Gdańsk. It was licensed to the Geo-Ekspert company, which is allowed to sublicense it.
WE PARTICIPATE IN ONE OF THE MOST EXPENSIVE RESEARCH PROJECTS IN THE WORLD

The team of Prof. Leon Szwędrowski from the Faculty of Electrical and Control Engineering takes part in a research project worth 1.26 billion euro – the Facility for Antiproton and Ion Research (FAIR) construction in Darmstadt, Germany. The GUT scientists create diagnostic systems for superconducting magnets which accelerate the stream of particles and constitute the heart of the system. Ten countries signed an international agreement on the construction of the FAIR. Scientists from forty countries already participate in the project, which is eventually going to involve 3,000 researchers of fifty nationalities.

GUT MATHEMATICIANS ARE OFTEN CITED

The article entitled "Homoclinic solutions for a class of the second order Hamiltonian systems" written by Joanna Janczewska, Ph.D., D.Sc., and Prof. Marek Izydorek from the Faculty of Applied Physics and Mathematics is the second most cited Polish scientific paper about mathematics in the world. The "Top Papers for Poland in Mathematics" ranking was based on the Web of Science Core Collection.

AWARDS FOR NATIONAL DEFENSE PROJECTS

Three national defense projects developed at GUT were appreciated during the Balt Military Expo 2016. Director of the Polish Chamber of National Defense Manufacturers awarded the project for the Vistula Lagoon national border protection with the use of contemporary event detection methods. Another award, the Amber Medallion, was given for the Morświn underwater vehicle. The miniature supercavitating rocket-propelled torpedoes for manned and unmanned marine military vehicles project received the Crystal Lighthouse award of the NATCON conference.

19.6 MILLION PLN FOR ANTICANCER COMPOUND RESEARCH

This funding was given to scientists who for the next three years will participate in the STRATEGMED program. Prof. Maciej Bagiński from the Faculty of Chemistry is the head of the team. The research project concerned with finding new anticancer compounds which disturb telomere functions was ranked the fourth among eighty applications listed by the National Centre for Research and Development. It will be carried out by a consortium of seven entities, lead by Gdańsk University of Technology.

TWO HONORIS CAUSA DEGREES AT ONE TIME

Senates of the Military University of Technology in Warsaw and the Medical University of Gdańsk almost simultaneously decided to give the honoris causa degree to Prof. Jacek Namieśnik while he was the head of the GUT Department of Analytical Chemistry. It is an unprecedented event! Prof. Namieśnik received the highest academic honors in appreciation of his achievements in the fields of environmental pollution analytics and monitoring.

YOUNG INNOVATORS ARE AMONG US!

Marek Adamowicz, Ph.D. Eng., from the Faculty of Electrical and Control Engineering and Paweł Śliwiński, Ph.D. Eng., from the Faculty of Mechanical Engineering were awarded with the "Very Important Polish Innovators" title. It was given to eleven Polish scientists who successfully commercialize their inventions.
Marlena Ratajska is one of the six ShowBoats Design Awards finalists in the Young Designer of the Year 2016 category. The contestants were supposed to arrange the hull of a 45 m motor yacht which belongs to an Italian fashion icon. The talented GUT graduate lives in Switzerland, where she works for an architectural design studio.

Graduates of the Faculty of Architecture won the prominent Zbyszek Zawistowski annual award for the best architecture graduation projects twice in a row. In 2016 the award, granted by the Association of Polish Architects, was given to Paweł Bussold, who planned the restoration of a historic brickyard in the village of Harsz. A year earlier the winner was Mikołaj Adamus, author of an unconventional concept for a new oceanarium in Gdynia.

Gdańsk University of Technology was granted the ELSEVIER Research Impact Leaders 2016 award for its widely recognized scientific publications, which combine social and technical sciences. The awards are part of the international Elsevier initiative, promoting the scientific output of Polish universities in the world. Factors taken into consideration include the citation index, the number of publications in the most prestigious journals and the contribution of international authors. It should be noted that as a technical university, GUT was awarded for multidisciplinary publications in the Social Sciences category.

In 2015 eleven GUT scientists were promoted to professors, sixteen received habilitation degrees and fifty-six obtained Ph.D.s. The number of promotions has been steadily growing for the last three years. An increase in the number of publications (almost 200) in prestigious international journals from the JCR list, indexed by the Web of Science database, is also worth noting. It is the highest result in the last ten years.
In 2016 the tunnel under the Martwa Wisła river was opened as a first such passageway in Poland. This spectacular construction had been supervised by Mr. Ryszard Trykosko, the GUT Faculty of Civil and Environmental Engineering graduate, who is also the chairman of the Gdańsk University of Technology Alumni Association.

GUT GRADUATES ARE IN CHARGE OF FLAGSHIP METROPOLITAN INVESTMENTS

In 2016 the tunnel under the Martwa Wisła river was opened as a first such passageway in Poland. This spectacular construction had been supervised by Mr. Ryszard Trykosko, the GUT Faculty of Civil and Environmental Engineering graduate, who is also the chairman of the Gdańsk University of Technology Alumni Association.
OUR SUCCESS STORIES

A BUSINESS STARTED AT GUT MOVED TO SILICON VALLEY

It became possible in the first half of 2016, when the GUT graduates who invented PillBox, an electronic assistant facilitating the administration of medicines, received funding from the National Centre for Research and Development. Their invention provides a certain dose of medication at a given time and is supposed to be available in American clinics in 2017. The inventors admit that the idea came to them while they were still studying. They also created a mobile application called drPoket, containing a list of medicines which interact with alcohol, should not be taken while driving or are unsafe for pregnant women.

AN INFLUENTIAL GRADUATE

The Daily Telegraph published a list of the top 50 Women in Engineering. It includes Paulina Bohdanowicz-Godfrey, Ph.D., who graduated from environmental protection and management at the GUT Faculty of Chemistry in 1999. Women on the list, which was prepared in cooperation with the Women’s Engineering Society, were selected out of 900 candidates. Bohdanowicz-Godfrey is the Director of Energy and Environment at Hilton Worldwide.

THIRD PLACE AT THE INTERNATIONAL WATERBIKE REGATTA 2016

Students of the Faculty of Ocean Engineering and Ship Technology who belong to the KORAB Ship Technology Student Association won the third place during the International Waterbike Regatta 2016 in Vienna.

GUT ATHLETES ARE AMONG THE NATIONAL LEADERS

Gdańsk University of Technology students were third in the general ranking of Polish Academic Championships after the 2015-2016 season. Among technical universities the result was even better (second place).
FACULTY OF ARCHITECTURE

FACULTY OF CHEMISTRY

FACULTY OF ELECTRONICS, TELECOMMUNICATIONS AND INFORMATICS

FACULTY OF ELECTRICAL AND CONTROL ENGINEERING

FACULTY OF APPLIED PHYSICS AND MATHEMATICS

FACULTY OF CIVIL AND ENVIRONMENTAL ENGINEERING

FACULTY OF MECHANICAL ENGINEERING

FACULTY OF OCEAN ENGINEERING AND SHIP TECHNOLOGY

FACULTY OF MANAGEMENT AND ECONOMICS
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**JOIN US!**

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