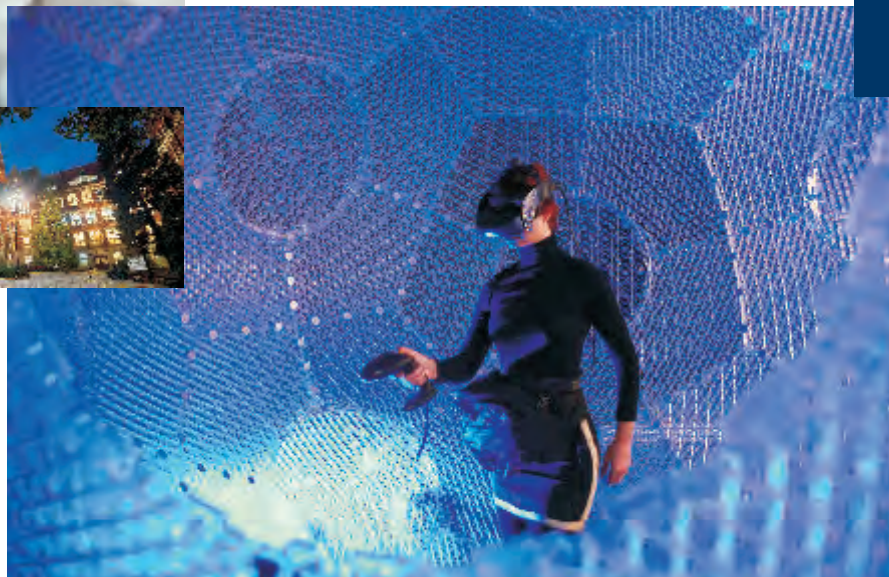
GDAŃSK UNIVERSITY OF TECHNOLOGY

FACTS AND FIGURES



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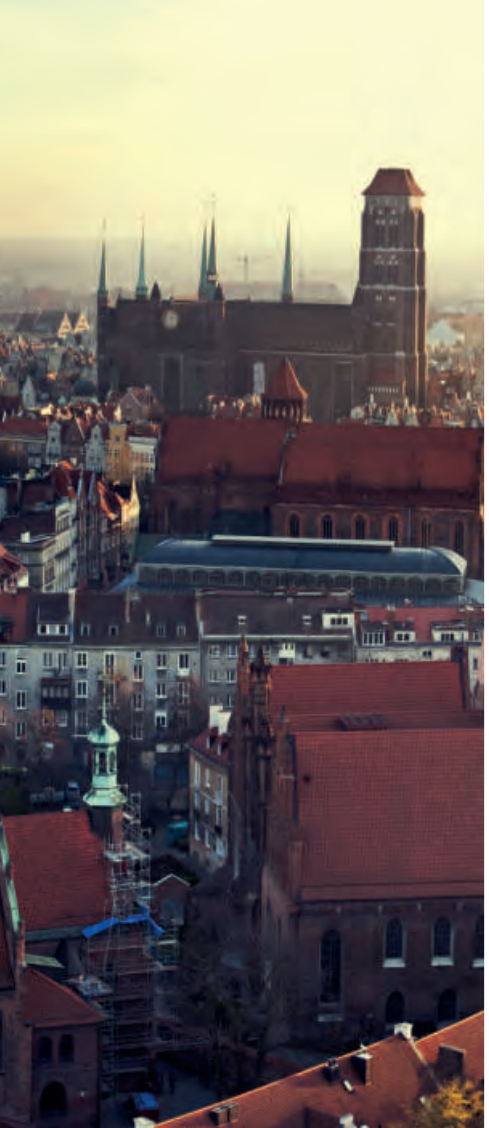
FACTS AND FIGURES

GDAŃSK UNIVERSITY
OF TECHNOLOGY

HISTORY IS WISDOM
FUTURE IS CHALLENGE



LOCATION OF THE UNIVERSITY

- Gdańsk – is one of the largest business, economic, cultural and scientific centers. The capital of urban agglomeration of over one million citizens, and of the Pomeranian region inhabited by more than 2.2 million people.

- The most popular symbols of the city are: Neptune Fountain, the gothic St Mary's Basilica, called the crown of Gdańsk, and the medieval port crane on the Motława River. The following great citizens of Gdańsk: Johannes Hevelius, Daniel G. Fahrenheit, Arthur Schopenhauer, Günter Grass and Lech Wałęsa are recognizable around the world.

- Gdańsk captivates not only with the huge number of monuments, both sacral and port, but above all, with its unique atmosphere. It is here that turbulent past blends with modernity.

- August 1980, Strike in the Gdańsk Shipyard, led by Lech Wałęsa, and the rise of Solidarity are some of the events that captured the hearts of millions of people and changed the course of history. Gdańsk is a city of freedom.

- 15 universities operate in Gdańsk, (including six public ones). They educate about 80 thousand people, of which more than 32 % are GUT students. (Source: Portal Study in Gdansk).

- Gdańsk University of Technology is located in the center of old Wrzeszcz, a district which has good communication with every part of the Tri-City. A charming lime avenue leads to the university. The whole campus is located on Narutowicza street; and is surely among the most beautiful ones in Poland.

GDAŃSK UNIVERSITY OF TECHNOLOGY CAMPUS

- Within the campus historic architecture coexists with modern buildings full of well-equipped teaching rooms and highly specialized laboratories.

- The symbol of the university is the monumental Main Building, built in the early twentieth century, and designed in Neo-Renaissance style by the renowned Dutch architect, Albert Carsten, later professor of the university. During World War II, 60 percent of the cubic volume and 70 per cent of roofing of the building were burnt down. Only the steel construction remained of the bell tower crowning the building. The buildings were quickly reconstructed, yet the decision to reconstruct the tower was repeatedly delayed in time. Only after 67 years - exactly on 13 May 2012 – the reconstructed tower was placed on the main building.

- June 2015 ended the realization of the university's largest investment in recent years, which is, consisting of two buildings, GUT Nanotechnology Centre (A and B). Equally impressive investments include: Laboratory of Innovative Power Technologies and Integration of Renewable Energy Sources LINTE ^ 2, a complex consisting of Mathematics Teaching and Distance Learning Centre, and the aforementioned Nanotechnology Centre B, and the absolutely unique on a global scale Immersive 3D Visualization Laboratory.

- Gdańsk University of Technology has a modern student housing estate which has more than 2,660 places in 12 halls of residence located in three attractive parts of the city. The dormitories are located on the outskirts of the Tricity Landscape Park, in the center of Wrzeszcz and near the sea. Students and staff have access to high-class sports facilities at the GUT Center for Academic Sport.

UNIVERSITY PATRONS

JOHANNES HEVELIUS

(28.01.1611-28.01.1687 Gdańsk)

the most prominent astronomer in Poland, after Nicolaus Copernicus. Constructor of astronomical instruments, the inventor of the pendulum clock, periscope and micrometer, the creator of the world's first big astronomical observatory equipped with a telescope.

Hevelius spent most of his life in Gdańsk. On the roofs of his houses he built an observatory, which he developed over the years and equipped with instruments made by himself or according to his instructions. The largest telescope had a length of 39 meters and was set outside the city. Hevelius studied the stars, planets and comets, analyzed the phenomenon of libration of the Moon. He identified 9 new constellations and was first to discover four comets.
He successfully measured the height of lunar mountains, and discovered age changes in magnetic declination. He was the author of many works on astronomy. As the first scholar in Poland he was awarded the membership of the Royal Society in London. He received financial support among others from Jan III Sobieski (in honor of whom one of the constellations was called the Shield of Sobieski), and Louis XIV.

The tomb and epitaph of the great astronomer can be found in St. Catherine's church in Gdańsk. Hevelius monument was erected in 2006 on the square in front of the Old Town Hall in Gdańsk.

On 22 September 2010, following the resolution of the Senate of Gdańsk University of Technology, The South Courtyard (where there is a Foucault pendulum) was named after Johannes Hevelius and the North Courtyard – after Daniel G. Fahrenheit. Reliefs are placed in the courtyards commemorating the illustrious citizens of Gdańsk.

DANIEL GABRIEL FAHRENHEIT

(Gdańsk 05.24.1686-16.09.1736 The Hague)

physicist and engineer, inventor and creator of a mercury thermometer and his own temperature scale.
He studied in Gdańsk. After the death of his parents he moved to Amsterdam, where he studied physics, conducted experiments with instruments that measure temperature and pressure, worked as a teacher of chemistry. In the years 1710 and 1712 he was back in Gdańsk, running experiments on the construction of temperature and pressure gauges. He was the first scientist in the world who used mercury in thermometers. He described the phenomenon of supercooling of water, proved the dependence of the boiling point of water on pressure, described the properties of platinum; and, dealing with optics, improved Newton's telescope.
He published his study on the new design of the thermometer, barometer and liquid density meter (hydrometer) in the journal of the Royal Society in London. In 1725 he developed a thermometer scale, named after him (32°F = 0°C). Currently, the Fahrenheit scale is used in English-speaking countries.

Fahrenheit meteorological column was erected in 2008 in Gdańsk, on the Long Market Street, commemorating the eminent physicist. A glass display case contains a 1.2 meters high thermometer with two scales: Fahrenheit and Celsius', and a barometer to measure air pressure.

HISTORY OF GDAŃSK UNIVERSITY OF TECHNOLOGY

1904
October 6 - the first academic year at the Polytechnic was inaugurated, the Royal-Prussian Technical College in those days

1921
under the Treaty of Versailles Polytechnic was passed to the authorities of the Free City of Gdańsk

1941–1945
The university was subordinated to the authorities of the Reich in Berlin

1945
May 24 the Polytechnic transformed into the Polish state university

1989
obtaining autonomy, 90th anniversary of the university

2004
100th anniversary of the university

2014
110th jubilee anniversary of Gdańsk University of Technology

2020
according to the development mission Gdańsk University of Technology embodies the idea of SMART University

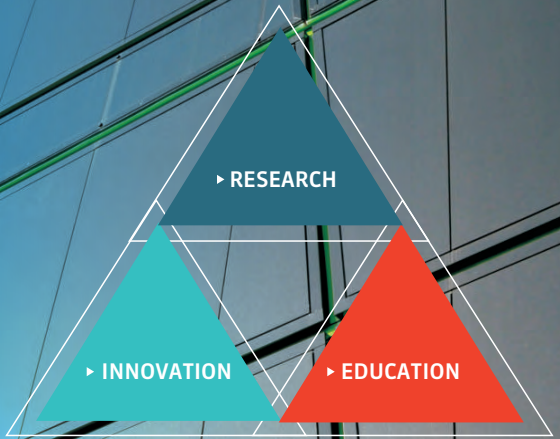
DID YOU KNOW ...

Wildlife Society (Lat. Societas Physicae Experimentalis) contributed to the creation of the Polytechnic. It was one of the first scientific societies in Poland. The aim of the Society was to conduct and popularize research in the field of the sciences related to the world of nature. The library of the Society was equipped with priceless works from the collections of well-known families of Gdańsk. In 1923, as a result of an agreement between the Board of the Wildlife Society and the Senate of the Free City of Gdańsk, the 30 thousand volume library was entrusted as a deposit to the university. In 1945, the library, like other collections of the university, was taken to Germany. In 1946 part of the 853 titles were transferred to the State Library - now belonging to the university - in Bremen.
In 1993, during an official visit of Gdańsk delegation in Bremen, two books from the same collection were donated to Gdańsk University of Technology. The official transfer of the remaining books took place in June 2000 in the Artus Court in the Gdańsk Old Town.


THEORICA
SEQVITVR INSTRVMENTI
ex quo hæc motus
rietas perſpici poteſt.
LVNAE.
EXPOSITIO INSTRV-
menti & uſus.

UNIVERSITY MISSION

- Ensuring quality education for the dynamic development of economy and society, based on knowledge.
- Conducting research at the highest international level in the conditions of the globalizing world, and the implementation of innovative projects for the benefit of society, ensuring active participation in the transformation of civilization, and science and technology in particular.
- Implementation of the knowledge triangle, which consists of three main integral university activities: **RESEARCH, EDUCATION, INNOVATION.**



UNIVERSITY VISION
2020 – SMART UNIVERSITY

STRATEGICALLY CONDITIONED
raising funds for the implementation of strategic tasks, in line with the priorities and projects of the EU, Poland and the region

MAXIMALLY INNOVATIVE
implementation of new mechanisms and utilization of new technologies to stimulate the development of innovative solutions both for GUT and for the region

ATTRACTIVE FOR ALL
preparation and implementation of LLL education, the use of team design, and e-learning curricula, modernization of teaching and research laboratories and research oriented practice

RELYING ON PERSONALITIES
providing conditions for the development of all students, graduate students and staff, especially the best ones, setting them challenging tasks and rewarding the outstanding results

TOTALLY CREATED WITH PASSION
gradual elimination of barriers and administrative burdens, the preference of best practice, fostering a culture of work, and the climate for innovation

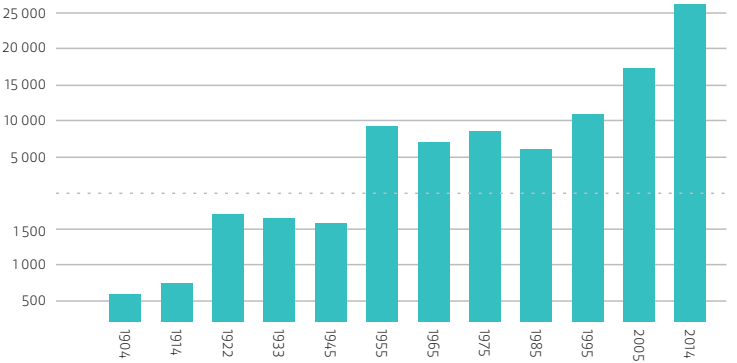
EDUCATION

- 9 departments:
  - 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
- 33 fields of undergraduate studies and 29 of graduate studies, including:
  - 4 Interdepartmental
  - 2 intercollegiate, unique in the country: mechanical-medical engineering, and construction chemistry
  - 15 in English
- 7 types of post graduate (doctoral) studies
- more than 50 postgraduate studies
- MBA tracks
- 1200 academics
- almost 26 thousand students

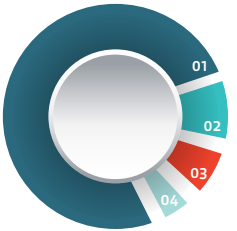
More information at:

www.pg.edu.pl/en

NUMBER OF STUDENTS IN THE YEARS 1904–2014



STRUCTURE OF STUDIES AND NUMBER OF STUDENTS *



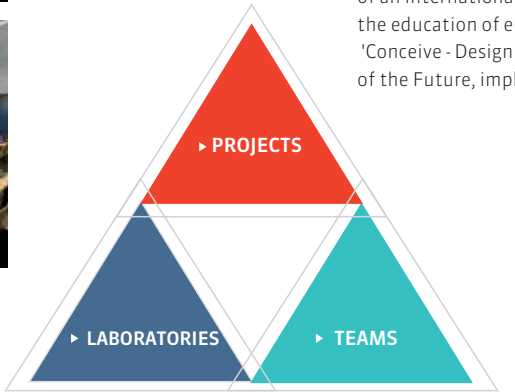
01 | Full-time studies	**21 581**
02 | Part-time studies	**3200**
03 | Postgraduate and MBA	**1306**
04 | doctoral studies	**675**

*2014

NEW MODEL OF EDUCATION - ENGINEER OF THE FUTURE

The university carries out an important project, whose goal is "to create modern technical infrastructure for the implementation of the educational program of Engineer of the Future at Gdańsk University of Technology." The project, for which the university received a grant of over 67 million zł, includes not only the modernization of didactic infrastructure and construction of laboratories, but first of all the implementation of a new model of education-oriented development of engineering skills: planning, design, construction, and inference based on performed experiments. Owing to the project 921 research posts will be created. Within the project a 3D Laboratory has already been created, where students of the Faculty of Architecture may, for example, prepare models and spatial forms. Also in June 2015 the official opening of a complex consisting of Nanotechnology Centre B and Mathematics Teaching and Distance Learning Centre was held.

GUT gains valuable experience by participating in the work of an international consortium CDIO, whose members promote the education of engineers. Basing on the algorithm: 'Conceive - Design - Implement – Operate', the project Engineer of the Future, implemented at GUT is consistent with this initiative.



EDUCATION

As results from the XI edition of the National Compensation Research, GUT graduates in 2014 got the third-highest salary among graduates of higher education institutions in Poland.

OVER 111 000 GRADUATES

Between 1904 and 2014 over 111 000 well-educated young people graduated from our university. Among GUT alumni are CEOs of large companies, persons holding high public offices, entrepreneurs, creators of well-known brands, renowned architects. Many of them appreciate education and practical skills gained at the university.

Gdańsk University of Technology graduates find jobs immediately after graduation or within three months after completion of studies. * The biggest employers also value Gdańsk University of Technology graduates. In the ranking of universities "Wprost" 2015 Gdańsk University of Technology took seventh place among 50 schools whose graduates are most often sought by employers. Taking into account only the Universities of Technology - our university is on the fifth position. It is unrivaled in the Pomerania region.

** (The report, "Investigating the quality of education and the professional careers of GUT graduates", 2010–2012)*

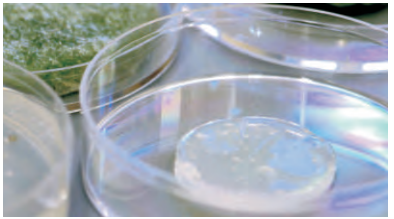
INTERNATIONAL COOPERATION

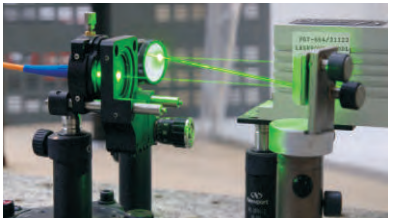
Gdańsk University of Technology participates in many international educational programs and develops cooperation with partner institutions. The university currently has more than **420 bilateral agreements** under the Erasmus program and **nearly 80 cooperation agreements of a general nature.** There are also agreements about double diploma programs with Danish, French, German, Swedish and Italian universities. Participation in the work of national and international networks, such as EUA, CDIO, IROs Forum or BSRUN, helps to exchange experiences in the field of internationalization of universities, international promotion, creation of joint degree programs, intercultural communication, etc.
The university seeks to enhance the professional competence of the academic staff and students through participation in educational projects, such as Erasmus Plus, LLP Erasmus Intensive Programme LLP, Erasmus Mundus, Jean Monnet, CEEPUS, Tempus and Leonardo da Vinci.

The largest groups of foreign students at Gdańsk University of Technology come from Spain and Ukraine. The university also intensively cooperates with universities in China,Turkey and France.

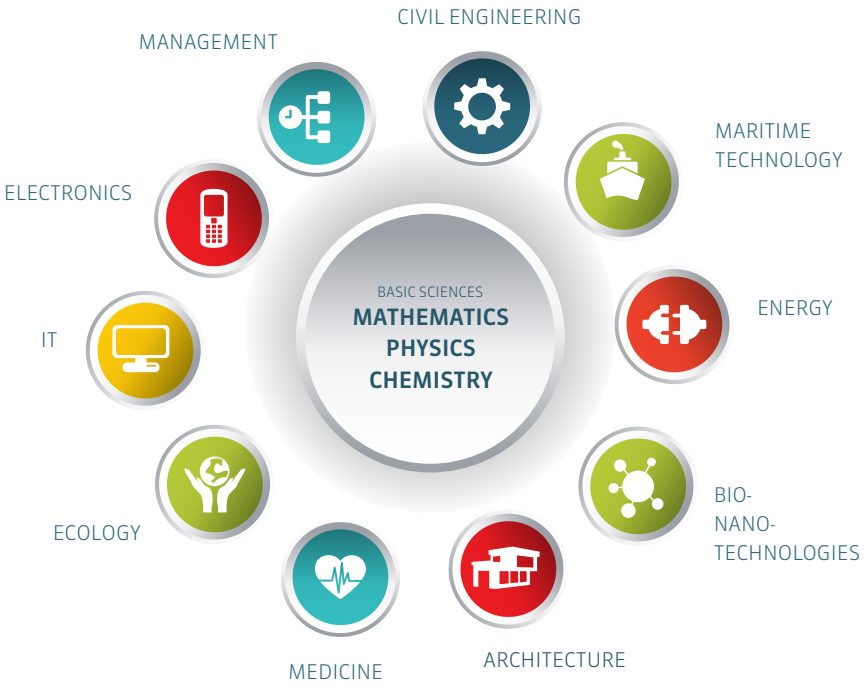
BUDGET OF ERASMUS PROGRAMME, SCHOLARSHIP AND TRAINING FUND (EEA/NORWAY GRANTS)

- ERASMUS
- EEA/Norway Grants





RESEARCH


CIVIL ENGINEERING
MANAGEMENT
MARITIME TECHNOLOGY
ELECTRONICS
ENERGY
BASIC SCIENCES
MATHEMATICS
PHYSICS
CHEMISTRY
IT
BIO-
NANO-
TECHNOLOGIES
ECOLOGY
ARCHITECTURE
MEDICINE

CERTIFICATES

Selected laboratories and courses of study at Gdańsk University of Technology possess certificates confirming the quality of education and research. Examples of certificates and certificates of recognition:

- Three certificates of Accreditation Commission for Technical Universities for the following fields of study: computer science at the Faculty of Electronics, Telecommunications and Informatics, biotechnology at the Faculty of Chemistry, and electrical engineering at the Faculty of Electrical and Control Engineering. The above fields also possess certificates of the European Network for Accreditation of Engineering Education (ENAEE).

- Certificate of CUDA Teaching Center at the Faculty of Electronics, Telecommunications and Informatics for their involvement in the development of education in the field of parallel processing using CUDA technology. The document was awarded by NVIDIA corporation headquartered in Santa Clara, USA.

- Faculty of Management and Economics of Gdańsk University of Technology received institutional certificate issued by the Association of MBAs (AMBA). The accreditation confirms the highest, consistent with international standards of education, quality of the MBA programs.

- The world's first accreditation of Microsoft Modern Lab was awarded to the computer laboratory at the Faculty of Electronics, Telecommunications and Informatics at GUT. The lab certified by Microsoft is equipped with the latest equipment, allowing education and innovation, strengthening the independence of the student.

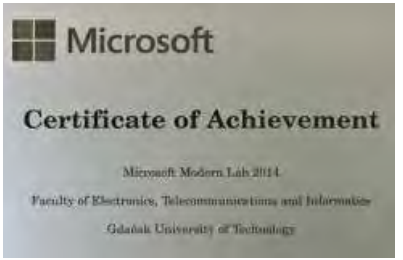

EUR-ACE® Bachelor

Biotechnologia
(Biotechnology)
Wydział Chemiczny
(Faculty of Chemistry)

Politechnika Gdańska
(Gdańsk University of Technology)

Komisję Akredytacyjną Uczelni Technicznych
(Accreditation Commission of Universities of Technology)

EUROPEAN-ACCREDITED ENGINEERING
BACHELOR DEGREE PROGRAMME.

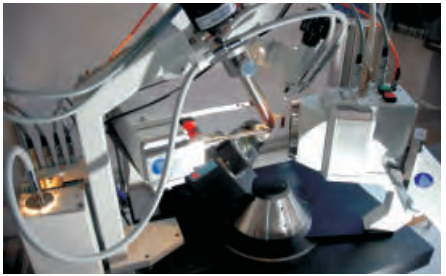

Microsoft

Certificate of Achievement

Microsoft Modern Lab 2014

Faculty of Electronics, Telecommunications and Informatics

Gdańsk University of Technology

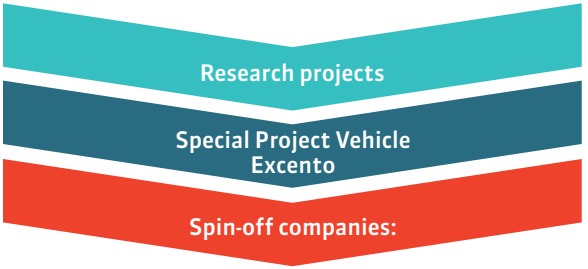


- Certificate as part of Cadence Certified Lab Program was received by the Laboratory of Integrated and Programmable Circuits of the Chair of Microelectronic Systems of the Faculty of Electronics, Telecommunications and Informatics at GUT. It was the first certificate in Poland awarded within the framework of the inauguration of Cadence Certified Lab Program.
- Faculty of Mechanical Engineering has an international certificate, issued by the International Institute of Welding, recognizing the training center under the name "Gdańsk University of Technology Welding Team" as IIW Approved Training Body with privileges for training International Welding Engineers.
- Materials Research Laboratory at the Faculty of Mechanical Engineering holds three certificates of recognition of the Polish Register of Shipping concerning, among others, research of metals, their properties, ultrasound research, etc.
- Two laboratories at the Department of Ocean Engineering and Ship Technology have Certificates of the Polish Register of Shipping concerning, among others, analytical and laboratory research in the field of ocean technologies or research into physico-chemical properties, etc.
- Department of Electrochemistry, Corrosion and Materials Engineering at the Faculty of Chemistry possesses two DNV GL certificates awarded by Poland's largest company classifying ships and offshore installations, as well as internationally recognized advisor in the marine industry.

COMMERCIALIZATION OF RESEARCH

EXCENTO Company

Commercialization of knowledge is the university's priority. Gdańsk University of Technology is the first university in Poland that has formed a special purpose vehicle EXCENTO, which will allow researchers to smoothly implement research results. Several subsidiaries have already been established with the help of EXCENTO, using technology developed at the university.



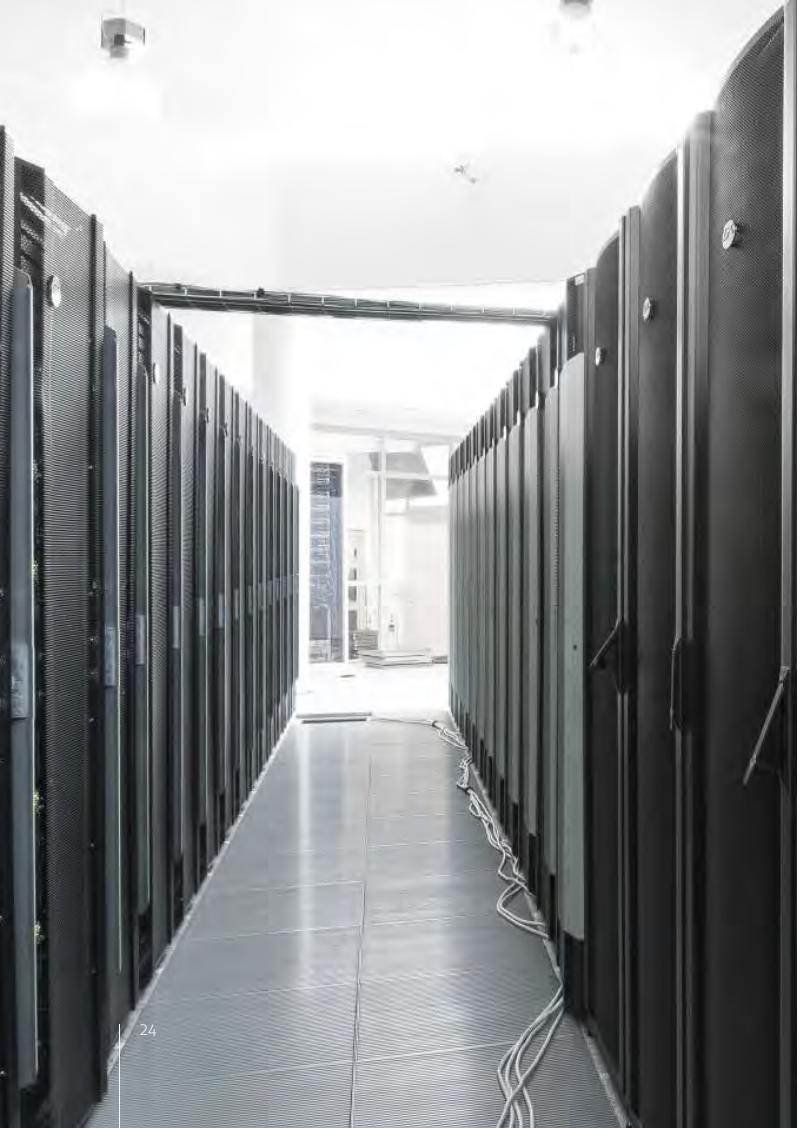
Nova PUR Green polyurethane foams	**ChillD** Labels indicating food freshness	**Argevide** Platform supporting compliance with standards	**AssisTech** System for diagnosing and treatment of patients in coma	**PeGiE** Promotion of sport activity among the academic community

CLUSTERS

Gdańsk University of Technology is a formal partner of seven clusters of a business character. Three of them received the title of key clusters for the development of the Pomerania region.

Interizon Pomeranian ICT Cluster is the largest and fastest growing ICT cluster in Poland. It currently assembles almost 160 entities from various industries. Detailed analysis of 47 Polish clusters carried out by an international consulting agency - Deloitte Business Consulting SA - showed that Interizon is the most advanced one in Poland in terms of development of clusters. The research was commissioned by Polish Agency for Enterprise Development under the project "Benchmarking of clusters in Poland - 2010". Moreover, the cluster has been awarded the prestigious Bronze Label in the Cluster Management Excellence, and according to the Ministry of Economy is one of the key Polish clusters - the main recipients of support from the EU funds. Cluster The administrator of the cluster is the Faculty of Electronics, Telecommunications and Informatics at GUT.

Gdańsk University of Technology also co-creates two other key clusters: Gdańsk Construction Cluster and the Baltic Eco-Energy Cluster.
Moreover, the university belongs to: Polish Maritime Cluster, the Pomeranian Cluster BIO ECO CHEM, and KlimaPomerania Cluster or the Pomeranian Region University Cluster.
A common feature of all clusters are innovative and pro-development activities corresponding to the given profile. Clusters provide perfect conditions for cooperation between enterprises, representatives of the scientific communities and the local government.



INNOVATION CENTRES

Gdańsk University of Technology hosts a number of centers in which advanced scientific research is conducted, for the development of smart specialization.

- **C^2NIWA - Center od Competence Novel Infrastructure for Workable Applications –** services in the area of technological competence on modern applications manufacturing platform (parallel, distributed, and mobile). The center offers its customers advanced IT infrastructure, platforms, applications, and a catalog of consulting services (Supercomputer Tryton).
- **Centre of Excellence WiComm –** one of the strongest research and development centers in Poland, specializing in the field of technology of very high frequencies and microwaves used in the most intelligent and embedded systems.
- **Eco-Innovation Center –** the first center in Poland pursuing the idea of ecological cities. The concept of the center includes the application of demonstration technological solutions. The buildings of the center will be designed to minimize their impact on the environment. The directions of research will be focused on smart specialization in the region.
- **Academic Computer Center in Gdańsk –** acts as the administrator of the Pomerania academic network, and the Center for High Performance Computing. TASK stores computing resources, programs and applications and makes them available to researchers and also archives different types of data.

- **Centre for Marine Military Technology –** carries out tasks related to issues of national defense and security. In addition to the research, development and implementation the center also deals with repairs and expertise for the Navy.
- **Nanotechnology Centre –** 36 modern teaching and research laboratories, providing unique equipment for studies at the atomic level.
- **Mathematics Teaching and Distance Learning Centre –** the university unit providing education using modern methods and tools of mathematical modeling and visualization of data based on ICT technologies.
- **Centre for Knowledge and Technology Transfer –** carries out tasks related to technology transfer, developing co-operation with the economy, and supports innovation and academic entrepreneurship.
- **Centre for Advanced Technologies 'Pomerania' –** a joint initiative of Gdańsk University of Technology and Gdańsk University. The aim of the center is to support the development of the following domains: information technology and telecommunications, functional materials and nanotechnology, environmental protection, biotechnology, food chemistry, medicinal chemistry. Within the ATC 'Pomerania' there are 10 specialized laboratories, min. Civitronics Center and the Laboratory of Biomaterials.
- **LINTE ^ 2 Laboratory –** center for research into innovative electrical power technologies and for integration of renewable energy sources.
- **Immersive 3D Visualization Lab –** a globally unique laboratory where it will be possible to walk around in the virtual world.
- **Innovative Technologies Node –** integrates activities related to research and development of innovative technologies. Five centers work within the node: Photooptic Technologies, Oil and Gas, Advanced Materials, Energy Technology, and the Center for Advanced IBM Studies and Centre for Universal Design.

COOPERATION WITH BUSINESS AND TECHNOLOGY TRANSFER

- In the last decade, GUT acquired more than 250 patents
- 200 R & D projects with national and international funds are being implemented
- Within three years the university has entered into 700 contracts with entrepreneurs

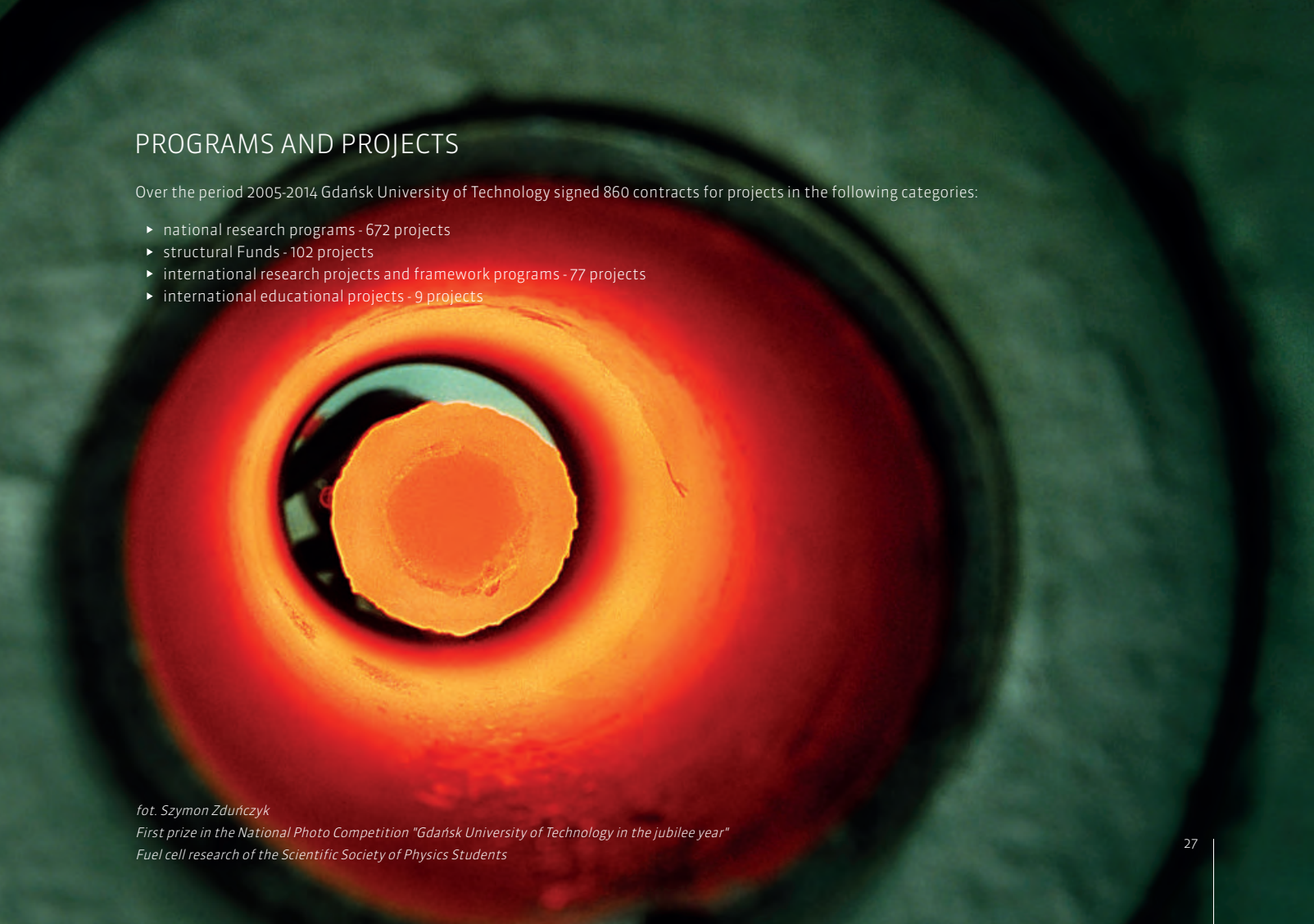
The university is a co-creator of Polish Platform for National Security, is working closely with business incubators, as well as with the Pomeranian Science and Technology Park in Gdynia and Gdańsk Park of Science and Technology. Among the University partners are companies well recognized both in Poland and internationally:

- Det Norske Veritas
- ENERGA
- Grupa LOTOS
- Intel Technology Poland
- Lafarge Aggregates and Concrete
- Leonidas Capital
- Lotos Petrobaltic
- Orlen Upstream
- PERN
- PGNIG
- POLLYTAG
- Samsung Electronics Polska
- TRICOMED
- Betting Fatty Kruszwica
- Vistal Ocynkownia

PROGRAMS AND PROJECTS

Over the period 2005-2014 Gdańsk University of Technology signed 860 contracts for projects in the following categories:

- national research programs - 672 projects
- structural Funds - 102 projects
- international research projects and framework programs - 77 projects
- international educational projects - 9 projects



fot. Szymon Zduńczyk
First prize in the National Photo Competition "Gdańsk University of Technology in the jubilee year"
Fuel cell research of the Scientific Society of Physics Students

JOINT VENTURES

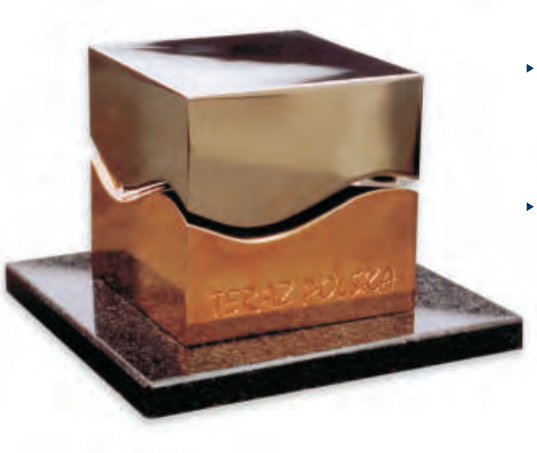
The university carries out dozens of different kinds of agreements with the business environment. Examples of cooperation:

- Pomeranian Metropolitan Railway SA realization of geodetic inventory measurements of railway track and acceptance testing of viaducts
- Airbus Helicopters joint research and scientific programs in the field of marine technologies (improving support systems for helicopters on flights over large water bodies), training of highly qualified engineers
- European Dental Implant Institute Vivadental; cooperation in the creation of a prototype of a dental implant designed for industrial production
- ACCUS project - a partnership 28 scientific institutions and companies from eight EU countries: creation of the most advanced types of SmartCity system in Europe, which will be launched in Gdańsk
- Bohemia Interactive: Common Crisis Management Laboratory at Gdańsk University of Technology, which will carry out research on training methods and crisis management
- Sunreef Yachts: research support for the company from the university; internships and a series of lectures for students from SY

- IBM: joint IBM Advanced Research Center (the Center for Advanced Studies) operates within the Hub for Innovative Technologies at GUT. Its task is the implementation of projects in the field of information technologies in conjunction with the business strategy of IBM
- Gdansk Municipal Investments Sp. Z oo: participation in a team of scientific advisers to build a tunnel under Martwa Wisła (the Dead Vistula)
- The Company for Exploitation of Oil Pipelines "Przyjaźń": the development of innovative solutions for oil and chemical logistics, performing analyses, expert and technical studies
- Polpharma: cooperation in the development of synthesis and manufacturing technology of new drugs production
- Blirt: cooperation in the development of innovative cancer and antimicrobial drugs, including joint initiatives in the framework of strategic NCBR programs of STRATEGMED type
- MedVentures Sp. Z o.o and Pro-Science Poland Sp. z oo: cooperation within the program STRATEGMED in the project "New technologies in pharmacological stimulation of regeneration"

WITH PASSION AND IMAGINATION SOME CHOSEN ACHIEVEMENTS

Employees and students of GUT carry out interesting studies and implement worthwhile projects. They are scientists working with passion and imagination. Their achievements and scientific activities are reflected in a significant number of awards and distinctions granted by both the Minister of Science and Higher Education, as well as a number of national and international institutions related to scientific and research activities. Here are some of them:



- Gold and silver medal at the Moscow trade fair in 2015 ARCHIMEDES was awarded to scientists from the Faculty of Mechanical Engineering. Gold was awarded to "Accelerated steam drying in a drying chamber", while silver was awarded to the project "Flow regulator".
- First place in the competition "Focus Lens" was won by Assoc. Eng. Marek Krzaczek from the Faculty of Civil and Environmental Engineering, who developed the Thermal Barrier Wall, which is an innovative system for heating buildings.
- The much sought promotional emblem "Poland Now" was awarded to CyberOko (CyberEye) used for the diagnosis and treatment of patients in a coma and vegetative state. Congratulations to the authors of the invention - the scientific team of prof. Andrzej Czyżewski from the Faculty of Electronics, Telecommunications and Informatics.
- Four medals: two gold, a silver and a bronze were won by researchers from Gdańsk University of Technology at the International Fair of Inventions Concours Lépine in Paris. The first gold medal was awarded for the invention Satellite pumping unit, another for compostable polymer composition, intended for disposable products (including packaging and cutlery). The silver medal was awarded for disposal of toxic and nondegradable substances using boron-doped nanodiamond electrodes. While the bronze medal was awarded to "Magic" charge pump, ie the canonical voltage conversion method and system for performing the method.

- Two gold, a silver and a bronze medal with 63. Exhibition of Innovation, Research and New Technologies BRUSSELS INNOVA 2014:
  Gold medals for:
  - Satellite pump unit; This solution also received the Minister of Economy Award (awarded for broad application of the invention in industry).
  - Obtaining diamond suspension.

  The silver medal for a system for expedited wood drying at high temperature using steam.
  Bronze medal for a new polyurethane elastomers produced with the participation of glycolysis - components recovered from polymer waste in the recycling process
- First place at the world championships "RoboGames 2015" in San Mateo, California was taken by robot lovers - students of Gdańsk University of Technology.
- The title "Diploma of the Year 2015" was awarded to GUT graduate Mikołaj Adamus, the author of the best Polish architectural diploma. The prize is awarded by the Association of Polish Architects.
- First place in the international waterbike competition in Berlin - International Waterbike Regatta 2015 – was won by young designers, students of the Faculty of Ocean Engineering and Ship Technology.
- Two world champions titles - in their subject categories - during the finals of the Odyssey of the Minds 2015, in the United States were won by the team composed of GUT students.

GDAŃSK UNIVERSITY OF TECHNOLOGY

111 YEARS

HISTORY IS WISDOM, FUTURE IS CHALLENGE

is the motto of the university adopted by the Senate of Gdańsk University of Technology on January 21 of 2015. It combines the problems of the future with the experience of the past, while emanating openness to cooperation.

It is an addition to the symbol Allegory of Science on the University's Main Building tower, pointing to the enormity of the tasks facing the entire GUT academic community. It emphasizes that graduates leaving university have appropriate knowledge, skills and abilities.

These are the foundations on which, by continuing to develop their work experience, graduates build their wisdom and try to change the world for the better. The motto also affects the genius loci of the university campus, and thus strengthens the relationship of Gdańsk University of Technology with its students and former and current employees to create a great Polytechnic family.

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