Technical University with imagination and prospects
Jan Heweliusz (born in 1611 in Gdańsk) great Danziger, inventor of periscope and micrometer screw

In 2010 the Senate of Gdańsk University of Technology passed a resolution naming two courtyards after the prominent Danzigers. Nowadays, there is a portrait in each one.

Daniel Gabriel Fahrenheit (born in 1688 in Gdańsk) worldwide known physicist and inventor of mercury thermometer

Gdańsk Societas Physicae Experimentalis One of the first natural societies on the territory of the Polish Crown. It contributed to establishing technical university in Gdańsk in 1904, where its scientific collection was passed.
1900
Cornerstone is laid for the university

1921
The University is handed over to the authorities of Free City of Gdańsk. The official name was changed to Technische Hochschule der Freien Stadt Danzig

1945
24th of May Gdańsk Technical High School became a Polish state academic school

1989
Autonomy obtained. 90th anniversary of the university

2004
Jubilee of 100th anniversary of Gdańsk University of Technology

2014
Jubilee of 110th anniversary of the University

2020
Smart University

1904
Opening of Royal Technical High School (Koniglische Technische Hochschule)
1904-1945
Partitions (till 1918),
II Republic of Poland (II RP)
- attempts to strengthen German influences in Gdańsk and at the technical university.
- Struggle for laws for Danzigers and Polish students.

1945-1989
People’s Republic of Poland (PRL)
- implementation of imposed solutions.
- realisation of central research programmes.

1989-2003
“The Solidarity” transformations,
III Republic of Poland (III RP)
- ready for cooperation within programmes of UE: Tempus, Copernicus, NATO.
- celebration of 90th anniversary of the University.

2004-2014
III Republic of Poland (III RP),
Membership in UE
- New opportunities of cooperation within European Space for Education and Research.
- celebration of 100- and 110th-anniversary of Gdańsk University of Technology and 10th anniversary of Polish membership in UE.
Prospects

S  strategically determined
M  maximally innovative
A  attractive to all
R  refining personality
T  teamworking with passion

Mission of the University
triangle of knowledge realisation

2012
DIGITAL UNIVERSITY

2020
SMART UNIVERSITY
Distribution of Union funds

Centre for IT Education and Research

Cluster ICT 2011

Centre of Excellence Wiccom international consortia Smart City

TASK LZWP Centre

Centre of excellence Centre NIWA scientific infrastructure for producing applications 2014
Research commercialization

Research projects

Special Project Vehicle
Excento Ltd. co

Subsidiary companies:

- Nova PUR Ltd.co
  manufacturer of green polyurethane foams

- ChilD Ltd. Co
  Labels indicating food validity

- Argevide.
  Implementation and selling services within NOR-STA project

- Cyber-Eye.
  System for diagnosing and treatment of patients in coma
Modernization of Campus

Chemical Waste Warehouse

Rehabilitation and Training Centre „Eureka” in Sopot

Academic Sport Centre

Rest Centre in Czarlina
Great undertakings

- I-O homecontrol
  Centre of Eco-innovation

- Maritime Economy
  LNG, off share

- Extraction of shale gas
  Labrig

- IT applications
  Smart spaces
  Internet of things

- Aerospace engineering
  Radio telescope

- New model of education
  Engineer of the Future
  The talented from Pomerania
Development of GUT thanks to European Union

- Development of technical infrastructure (research and education)
- Flow of knowledge and New technologies
- Participation of academic Staff members and students in wide range of European projects
- Acquisition of new skills by academic Staff members and students
- Increase of chances to outperform rivals on competitive global market
- Expansion of university International collaboration
In All-Poland rankings 5–7 position among technical universities, but total achievement relative to the number of employees classifies us on the level comparable to the best universities in our country.

The number of foreign students has been increasing significantly. Since 2008, thanks to attractive educational offer, technologically advanced laboratory equipment and improvement of studying conditions, the number of foreign students rose by 400%.

Brain child / special purpose vehicle Excento / effective direction of commercialization, support of GUT Convent.

The university consistently adheres the adopted guidelines of development 2nd. Most popular university in Poland among student candidates, 3rd place in regard to salaries of university graduates in Poland.
First and second cycle studies / full-time and part-time /

- 33 fields of undergraduate and 27 of graduate studies, including:
  - 3 inter-faculty Fields of study
  - 2 inter-institutional Fields of study (both unique on a national scale):
    - Medical and Mechanical Engineering and Chemistry of Building Materials
  - 9 fields in English
- 7 fields of postgraduate (doctoral) studies—full-time and part-time
- Over 50 postgraduate study courses
- MBA studies in 2 learning paths
over 100,000 graduates

from 1904 till 1939 – 11,080 graduates
Since 1945 – 89,000 graduates
### Number of employees between years 2003 – 2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Non academic staff members</th>
<th>Academic Staff members</th>
</tr>
</thead>
<tbody>
<tr>
<td>2003 r.</td>
<td>1334</td>
<td>1135</td>
</tr>
<tr>
<td>2006 r.</td>
<td>1254</td>
<td>1118</td>
</tr>
<tr>
<td>2009 r.</td>
<td>1295</td>
<td>1160</td>
</tr>
<tr>
<td>2012 r.</td>
<td>1350</td>
<td>1165</td>
</tr>
</tbody>
</table>

- **Non academic staff members**
- **Academic Staff members**
Over 27 000 students in 2013/2014
Where do candidates come from?

- 50.68% POMERANIA PROVINCE
- 18.51% WARMIA-MASURIA PROVINCE
- 14.64% KUJAWY-POMERANIA PROVINCE
- 4.84% MAZOVIA PROVINCE
- 4.61% PODLASIE PROVINCE
- 3.79% WEST POMERANIA PROVINCE
- 1.44% WIELKOPOLSKA PROVINCE
- 1.00% LUBLIN PROVINCE
- 0.74% ŁÓDŹ PROVINCE
- 0.50% SILESIA PROVINCE
- 0.39% LUBUSKIE PROVINCE
- 0.34% ŚWIĘTOKRZYSKIE PROVINCE
- 0.27% LOWER SILESIAN VOIVODESHIP
- 0.16% PODKARPAČIE PROVINCE
- 0.15% MAŁOPOLSKA PROVINCE
- 0.10% OPOLE PROVINCE
How satisfied are you with being a graduate of Gdańsk University of Technology?

- Definitely satisfied – 53%
- Rather satisfied – 39%
- I don’t know – 1%
- Rather not satisfied – 5%
- Definitely not satisfied – 2%

92% of the graduates have obtained employment
79% have found employment matching their field of studies
86% would choose Gdańsk University of Technology once again
The new model of education aims at team projects and acquiring skills such as:

- effective cooperation
- risk handling
- analytical problem solving

Winning competition within European funds for project completion. The obtained funds are allotted at infrastructure modernisation and new laboratories – 921 laboratory stations for workshops will be created.
**ECTS LABEL Certificate**

The international certificate of quality of the study programme is awarded to institutions offering high standards of education. We are one of the two universities allowed to use it in Poland (only 28 in Europe).

**Member of the Worldwide CDIO Initiative**

Emphasis on engineering education on the basis of the framework /Conceive – Design – Implement – Operate/
The number of foreign GUT students in years 2009–2012

In 2013/2014 we are expecting over 400 foreign students, who will be able to choose any of 14 fields of studies in English, at 9 faculties.
The greatest and oldest as well as the most state-of-the-art technical library in Pomerania

- 9 branches at the faculties
- 5 specialist reading-rooms
- 2 lending libraries
- 440 reading stands
- 200 computer stands with Internet access
- 1,200,000 volumens
- 37,000 regular users within VTLS Virtua System
Access to:

- 32 scientific databases
- 30,000 online journals
- 87,000 e-books
- Standards online

- Internet customer service system
- Online catalogue

- Leader of Tricity Libraries Association
- Leader of Pomeranian Digital Library
- Partner of Europeana and Universal Library projects
- Elegant, modern and environment-friendly buildings
- Charming and majestic buildings from the 20th century
- State-of-the-art lecture halls
- Highly specialised laboratories
Modern sport facilities accessible for every academic student and worker:

- 2 swimming pools
- a full-scale football field
- a sports hall, a volleyball court
- tennis courts
- an aerobics hall, fitness centre, rowing room, judo room
300 inventions to be implemented (currently)
200 R&D projects with national and international funds (in progress)
700 contracts with entrepreneurs within the last 3 years
The amount of funds for projects pursued at Gdańsk University of Technology, obtained in chosen years

- 2008: 66,525,598,86 zł
- 2010: 166,387,079,38 zł
- 2012: 132,695,633,63 zł
The structure of projects pursued at GUT

Projects obtained in years 2007 – 2013 (%)

- National research programmes: 77%
- Structural funds: 14%
- Framework Programmes: 4%
- International research programmes: 4%
- International educational programmes: 1%
International recognition for innovations

ACADEMIC STAFF

- The 17th Moscow International Salon of Inventions and Innovation Technologies «Archimedes 2014»
  Gold medal / Methods of obtaining diamond suspensions

- International Trade Fair ‘Ideas – Inventions – New Products’ IENA 2013 in Nuremberg
  Silver medal / Bio-polymer material for medical and cosmetic applications
ACADEMIC STAFF

- **International Trade Fairs in Brussels**
  Gold and silver medals as well as the Grande Officers’ Cross of the Order of Invention – Geographic Information System „Talking Maps” helping the blind to find their way in the city, System of Visual and Hearing Attention Stimulation

- **International Trade Fairs CeBIT**
  Domestic Assistant for the Elderly and Sick DOMESTIC and KASKADA Platform for multimedia flow analysis
STUDENTS

- The greatest in Europe robot championships
  RobotChallenge 2014 – gold and silver medals for students of the Faculty of Electronics, Telecommunications and Informatics from SKALP Scientific Circle

- 3 international competitions in architecture
  - the Camelot Hill development
  - project of the San Francisco Fire Department Headquarters building
  - project of a tower in Dubai

- Cup at Swedish Robotics Championship in Minisumo at Robot – SM 2014 competitions

- Second prize at the international finals of Imagine Cup
  Smartphone application enabling drug presence detection in human body