



Cooperation is development

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The Medical University of Gdańsk, Gdańsk University of Technology and the University of Gdańsk join their forces

It is one of the most significant events in the academic history of Gdańsk opening the way to the future federalisation of the strongest universities in the region. In 2020 the MUG, Gdańsk Tech and UG created the Fahrenheit Union of Universities in Gdańsk (FarU) and intend to build the city's position as a strong academic centre in Poland and abroad.



The Fahrenheit Union of Universities (FarU) in Gdańsk was established upon the joint request of the Rectors of the Medical University of Gdańsk, Gdańsk Tech and the University of Gdańsk. The senates of the universities adopted relevant resolutions and endorsed the Union's statutes, while the creation of the Union was approved by the Ministry of Education and Science.

The Rectors of the MUG, Gdańsk Tech and UG about the creation of the Fahrenheit Union of Universities in Gdańsk



Prof. Marcin Gruchała
Rector of the Medical University
of Gdańsk

Contemporary research in medical science at the highest world level very often requires cooperation within interdisciplinary research teams, which have formed at our universities. The Fahrenheit Universities give us a chance to identify synergy research areas, in which cooperation between universities will bring obvious benefits and translate into scientific achievements. The FarU will also permit the best use of the available specialised infrastructure, of which researchers from our institutions have limited knowledge today.

By creating the Fahrenheit Universities as the union of the largest academic centres in Pomerania, we have taken yet another extremely important step towards strengthening the successful long-term cooperation between the Gdańsk Tech, UG and MUG. Over the years, we have successfully implemented many valuable initiatives of the scientific, research, teaching and development character. I am positive that by using our mutual potential more intensively and effectively, we will soon be able to compete successfully with the best academic centres in Europe and elsewhere in the world.



Prof. Krzysztof Wilde
Rector of the Gdańsk
University of Technology

Our most significant joint mission is to build a strong academic centre in Gdańsk. Owing to the incorporation of our universities in the Ministry's "Excellence Initiative – Research University" programme and the award of the research university status to the MUG and Gdańsk Tech, we now have greater dynamic development opportunities. We wish to enhance quality in Polish science, foster relations with industry and business, and make the most gifted high school graduates and young scientists choose Gdańsk as a suitable place to study and develop their professional careers. As the Chairman of the Rectors' Council of the Pomeranian Region, I am convinced that the FarU will enhance our partnership and open new areas for cooperation, which might comprise further universities of Pomerania in the future.



Prof. Piotr Stepnowski
Rector of the University
of Gdańsk

This is the best moment to take action of integrating our universities. Firstly, the universities in Gdańsk have done excellently well in strategic competitions in Poland and the European Union. All the three universities have been included in the "Excellence Initiative – Research University" programme. The international panel of experts in that programme expects that it is precisely Gdańsk that will serve as an example of how to build an integrated academic centre. Secondly, we are undisputed leaders in the International Research Agendas programme of the Foundation for Polish Science. Lastly, the EU European Universities programme and the University of Gdańsk winning the first competition as one of only four Polish universities qualified for the programme. That is why I think we may compete with traditional Polish academic centres in Warsaw, Kraków or Wrocław.

The Fahrenheit Universities' supervising body is the Assembly comprising the Rectors and the Chairpersons of the Universities' Councils. The first chairman and representative of the FarU until 2022 will be Prof. Krzysztof Wilde, the Rector of the Gdańsk Tech, and further terms of office will be held by the Rectors of the MUG and UG.

The management of the Fahrenheit Universities is the responsibility of the FarU Director. During the session of the FarU Assembly on 10 December 2020, this function was given to Prof. Adriana Zaleska-Medynska of the University of Gdańsk.



Prof. Adriana Zaleska-Medynska,
Director of the Fahrenheit Union
of Universities in Gdańsk

The creation of the Fahrenheit Universities is a great chance to build up the reputation and recognition of Gdańsk as a strong academic centre, and also for even more dynamic development of all the member universities: the Medical University of Gdańsk, Gdańsk University of Technology and the University of Gdańsk. The reputation of each university is based, first of all, on its employees' scientific achievements, which, in addition to obvious benefits for the development of science, also enable the university to attract more high-potential scientists and students. The consolidation of the universities also means increased competitiveness of the academic centre at the national and international level, better use of research infrastructure, as well as effective satisfaction of the needs of the employees, students and their future employers. The world's past experience shows that the outcomes of consolidation also include new sources of revenues, higher recruitment levels and the possibility to retain the most gifted students at universities.

We wish the Fahrenheit Universities to become the bond and distinctive feature of not only our city and universities, but also of the entire Pomerania region. We intend to strive to achieve this goal with great determination.

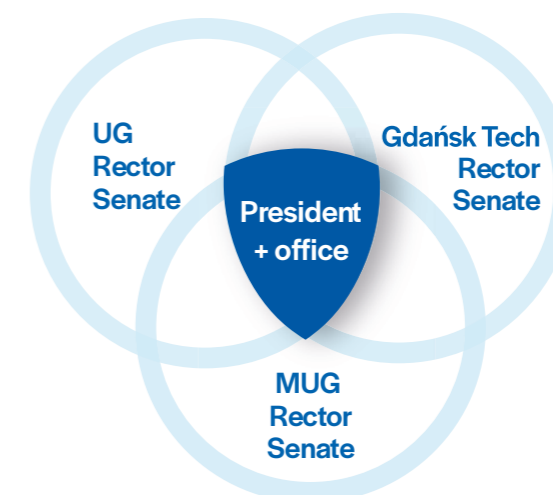
adopted path to gradual consolidation



Union of Universities

3 – 7 years

Federation
(Fahrenheit University)



One academic centre

The FarU's most important task will be the optimal use of the resources and potential of all the three universities, which, through their joint actions, could create one academic centre in the future. The centre would come in the league of the top three biggest centres in Poland (alongside Warsaw and Kraków), which would in turn translate into better recognition of the academic Gdańsk at home and abroad, and to the greater development opportunities and the procurement of funds.



Why is it worth studying in Gdańsk?

High level of education – state-owned universities are in the league of the best ones in Poland.

Large urban area – the nearby cities of Sopot and Gdynia may be reached by public transport.

Close to the sea, beaches and nature – sunbathing is not the only way to spend free time. The Tri-City Landscape Park with magnificent forests is at hand. And almost any place may be reached by bike – the cycling path network is really impressive.



All attractions of life in a big city – restaurants, pubs, clubs and students' life.

Centuries-old tradition and historic monuments every step of the way – Gdańsk is a city with an unusual history, from the Renaissance to the present times. It is here that the strike in the Shipyard began in August 1980 and this is where "Solidarity" was born. That was the start of the events which led to the transformations in the entire Eastern Europe in 1989.

Close to culture – theatres, the philharmonic, cinemas, museums, art galleries, concerts, festivals, street events – you cannot get bored in Gdańsk. There is a lot going on in any area of art and culture all year round.

Point of departure to other countries – thanks to the seaports and airports.

Seat of the richest companies in Poland – keep it in mind when you look for a job when you are a student or after graduation.

Sport to watch and go in for – the stadium built for EURO 2012 features not only football matches, but also other prestigious sports and entertainment events. There are dozens of clubs, swimming pools, fitness centres, tennis courts and horse-riding schools in Gdańsk. Spectators will not be bored, and those taking care of their fitness will not go out of practice there.

In an international crowd – more and more young people from all over the world come to Gdańsk to study and they create an international environment where each guest will feel . . . at home.

Enhanced cooperation between the universities

The MUG, Gdańsk Tech and UG have been cooperating in the academic, teaching and organisational areas for many years. Since 2005, the universities have jointly implemented more than 30 academic as well as research and development projects for the total of nearly PLN 270 m. The universities also conduct several intercollegiate courses of study permitting the students to draw knowledge from experts in various fields (including Mechanical and Medical Engineering at the Gdańsk Tech and MUG, Space and Satellite Technologies at the Gdańsk Tech and UG, as well as Biotechnology, Medical Physics or Speech Therapy at the MUG and UG). Moreover, the MUG and UG run the Intercollegiate Faculty of Biotechnology. Owing to the creation of the Union of Universities,

it will be possible to enhance this cooperation and create in Gdańsk one of the strongest academic centres in Poland. The strongest Gdańsk universities intend to commission the Fahrenheit Universities to prepare the assumptions and possible scenarios of the so-called federalisation of the universities and their further integration. The Fahrenheit Universities will also be involved, for example, in implementing joint research projects on an international scale, in coordinating joint research and development, and in launching new, intercollegiate initiatives (including those concerning the education process). The Fahrenheit Universities are also supposed to enhance the publishing activities of the MUG, Gdańsk Tech and UG.



Joint promotion and ranking policy

One of the Fahrenheit Universities' strategic tasks will be to pursue a common promotion and ranking policy, especially on the international arena, as well as express opinions and represent the common interests before state and local government administration and in relation to legislative initiatives..

Why Daniel Gabriel Fahrenheit?

Daniel Gabriel Fahrenheit was born in Gdańsk in 1686, in a family of German merchants. At the age of 15 (after his parents' death), he left Gdańsk and settled in Holland, and then in England, where he devoted himself to research and became a member of, among other organisations, the famous English scientific society called the Royal Society.

Fahrenheit visited Gdańsk several times, e.g. in 1710 and 1712, and he died in The Hague in 1736. He is mainly known as the first to use mercury in a temperature measuring instrument (alcohol had been used for that purpose before) and to develop his own temperature scale from zero to 212 degrees. On the scale adopted by Fahrenheit, the zero point was the freezing temperature of a sal ammoniac and ice mixture, and 212 degrees F was the water boiling point. The Fahrenheit scale is still used in Anglo-Saxon countries. In other regions of the world, the Celsius scale developed in 1742 by a Swedish physicist and astronomer, Anders Celsius, is in use.

The image

The image of Daniel Gabriel Fahrenheit, the physicist born in Gdańsk towards the end of the 17th century, was developed by the scientists of the Gdańsk Tech. The image was created owing to a genetic algorithm and a specially developed computer application.

No portrait of the scientist has survived until the present times. Everything that can be found on the Internet concerning the image of the inventor of the Anglo-Saxon temperature measurement system is false.

Based on the inventory count made after Fahrenheit's death, we only know how he dressed.

He wore wigs, a frock coat and a waistcoat. The project was developed by Tomasz Ziółkowski M.Sc. and Jerzy Proficz Ph.D. Eng. of the TASK IT Centre at the Gdańsk University of Technology under the supervision of Prof. Henryk Krawczyk, Director of the TASK IT Centre of the Gdańsk Tech.

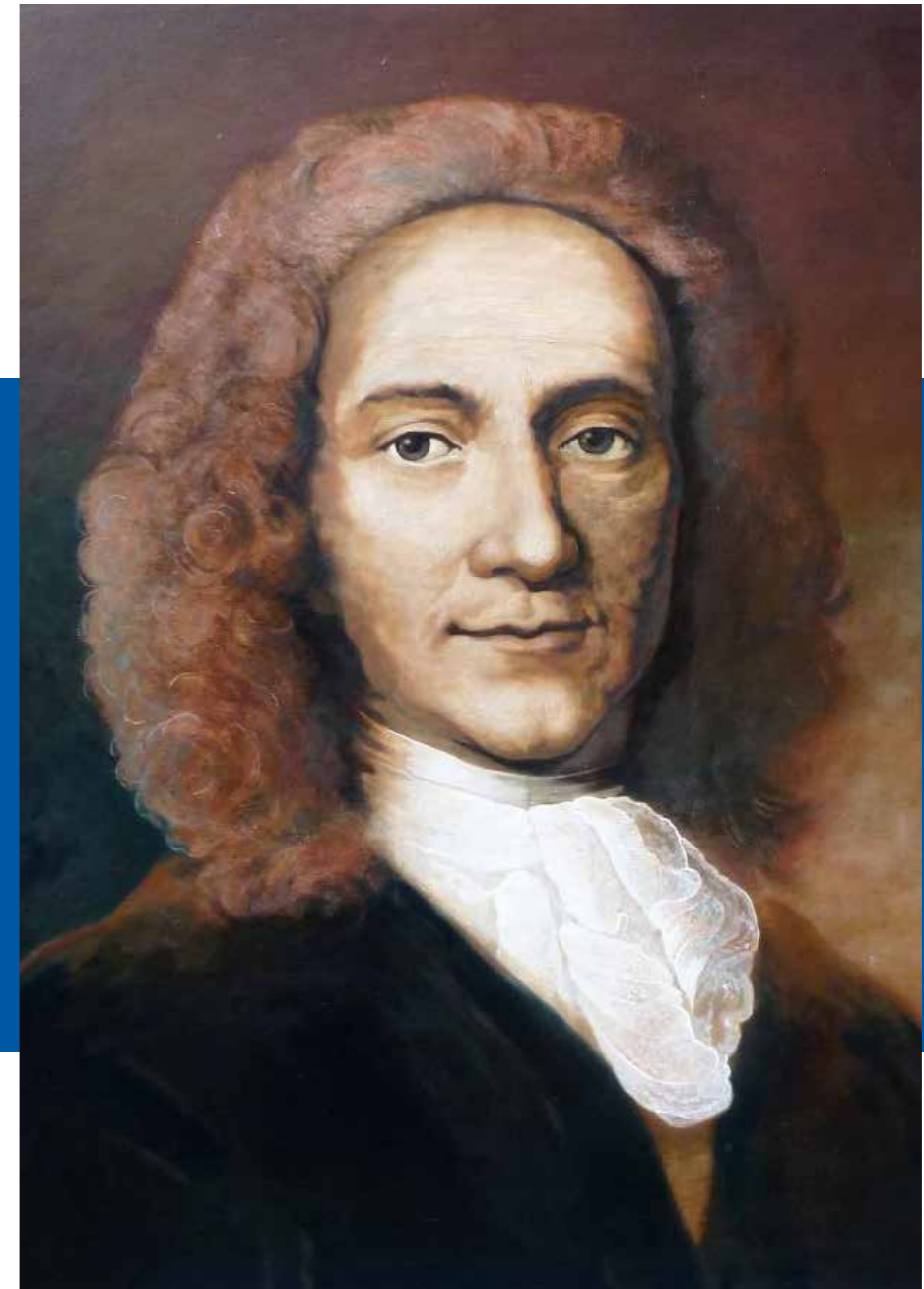
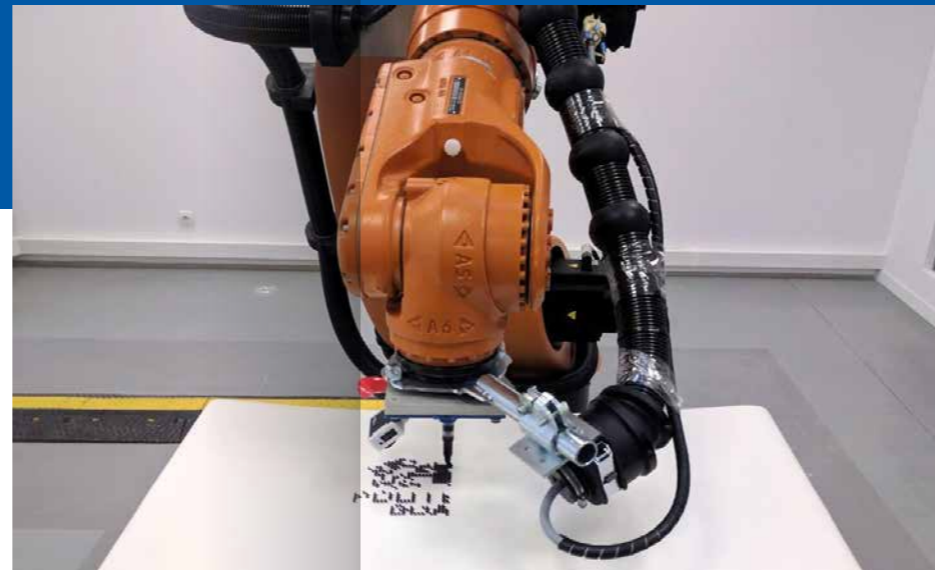
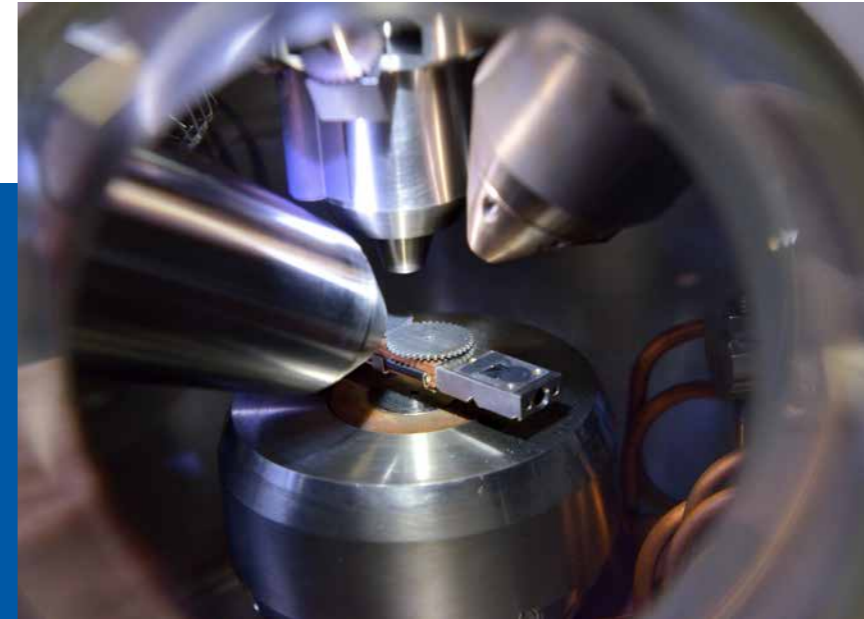


Image of Daniel Fahrenheit developed by scientists from Gdańsk Tech.
Painting by Piotr Józefowicz.





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