

Registration form for the Polish scientific institution

1. Scientific institution data (name and address):
University of Warsaw, Faculty of Economic Sciences
Krakowskie Przedmieście 26/28
00-927 Warsaw, Poland
(+48) 22 55 20 000
2. Type of scientific institution:
Basic organizational unit of higher education institution
3. Head of the institution:
Professor Maciej Duszczyk, Vice-Rector for Research and International Relations
4. Contact information of designated person(s) for applicants and NCN: first and last name, position, e-mail address, phone number, correspondence address):

dr hab. Michał Krawczyk, Associate Professor,
mkrawczyk@wne.uw.edu.pl , +48 22 55 49 123,
Faculty of Economic Sciences, University of Warsaw, Długa 44/50, 00-241 Warszawa
5. Science discipline in which strong international position of the institution ensures establishing a Dioscuri Centre:

Arts, Humanities and Social Sciences
Individuals, institutions, markets
6. Description of important research achievements from the selected discipline from the last 5 years including list of the most important publications, patents, other (*up to one page in A4 format*):

The University of Warsaw ranks among the top 3% of higher education institutions according to the Times Higher-Education World University Rankings and one of two Polish universities ranked in the ShanghaiRanking - Academic Ranking of World Universities. It is third in South East Europe and 96th in the world according to "Nature Index 2016 Rising Stars". From 2016 University of Warsaw is entitled to use „HR Excellence in Research” logo granted by the European Commission, meaning that the University of Warsaw meets the highest standards of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers.

The Faculty of Economic Sciences is ranked first among Polish economics institutes according to the RePEc/IDEAS ranking. Three of its employees are in the top ten of the ranking of individual researchers.

A recent evaluation of scientific institutes in Poland by the Ministry of Science and Higher Education has attested to the Faculty's excellence: it is one of only three among 93 research institutes in the field of economics in Poland that were awarded the top evaluation of A+. It also ranks among the top 25% of economics institutes in Europe.

Quantitative Finance is the 17th best programme in the world according to the Eduniversal ranking “Top 100 programmes in financial markets”, whereas International Economics is at the top, according to the Eduniversal regional ranking.

[\(https://www.wne.uw.edu.pl/en/news/candidates/quantitative-finance-17th-world-international-economics-i-data-science-1-w-regionie/\)](https://www.wne.uw.edu.pl/en/news/candidates/quantitative-finance-17th-world-international-economics-i-data-science-1-w-regionie/)

Our researchers regularly publish in JCR journals with high Impact Factor. Recent examples include:

1. Szczygielski K. et al., 2017. „Does government support for private innovation matter? Firm-level evidence from two catching-up countries.” *RESEARCH POLICY* 46(1): 219–237.
2. Pakalniute, K. et al., 2017. “Understanding the distribution of economic benefits from improving coastal and marine ecosystems”, *SCIENCE OF THE TOTAL ENVIRONMENT* 584-585.
3. Bartczak A., et al, 2017. „Gain and loss of money in a choice experiment. The impact of financial loss aversion and risk preferences on willingness to pay to avoid renewable energy externalities”, *ENERGY ECONOMICS* 65.
4. Ćwiakowski P. et al. 2016. „Pirates in the Lab: Using Incentivized Choice Experiments to Explore Preference for (Un)authorized Content.” *MIS QUARTERLY* 40(3): 709–715.
5. Krawczyk M., and Le Lec, F. 2016. „Dictating the risk: Experimental Evidence on Giving in Risky Environments: Comment.” *AMERICAN ECONOMIC REVIEW* 106(3): 836–839.

Several employees of the Faculty have taken prestigious positions in Polish and international organizations. For example, dr. Mateusz Szczurek served as minister of finance. Prof. Tomasz Żylicz was appointed by the Intergovernmental Panel on Climate Change (IPCC) to contribute as a Lead Author to its new climate change report (Fifth Assessment Report Climate Change 2014: Mitigation of Climate Change). As a participant of the Working Group III, prof. Żylicz contributed to chapter 15 of the report entitled 'National and Sub-National Policies and Institutions'.

Within National Science Center's project granted in 2017 in Individuals, institutions, markets discipline our Faculty has the highest success rate of granted projects (48%).

The Faculty is implementing the Enterprise Europe Network (EEN) project under the COSME program of the European Commission in a consortium of 6 partners from Poland (the leading one being PARP) and about 600 partners from around the world. The aim of the project is to increase the participation of Polish scientists and small and medium-sized enterprises in foreign markets, as well as help in finding foreign partners for technological and business cooperation and participation in research and development projects.

7. List of no more than 3 important research projects from the selected discipline awarded in national and international calls to the institution in the last 5 years (title, name of PI, source of funding, amount of funding):

Title: EU Engineroom - 'Explorations in Next Generation Internet Emerging Research Opportunities, Technologies and Methods'

PI name: dr hab. Katarzyna Śledziwska

Source of funding: European Commission HORIZON 2020

Amount of funding: euro 692 375,00 for University of Warsaw euro 125 500,00

Project coordinator: Faculty of Economic Sciences, University of Warsaw

Project objectives: Engineroom is part of the Next Generation Internet (NGI) initiative – an ambitious new European Commission programme focused on creating a more inclusive, human-centric and resilient internet by 2025. To move beyond the noise and to help the EC in focusing the NGI's efforts only on the most promising areas, EU Engineroom develops an innovative and agile process for identifying and evaluating the technologies and research topics that will underpin the Next Generation Internet. This methodology will form a key pillar for future phases of the NGI initiative as an easily-reproducible and comprehensive tool for continuously identifying and evaluating emerging technologies and trends, and helps establish the NGI as an important new initiative in this space.

The role of the Faculty's project team is the identification of the Internet technologies and related research topics, using a variety of data science tools on heterogeneous sources (for example web scraped data from the social media networks Reddit, HackerNews and Twitter, academic repositories such as Web of Science and Arxiv.org, and the analysis of articles on Wired) to ensure that the developments in all stakeholder communities (e.g. academia, large corporates, SMEs and civil society) are captured.

The entire evaluation framework of the project contains such inputs as landscape mapping (Identify main areas of investment and their geographical distribution), public debate analysis (to map controversy and perceptions of technologies) and portfolio analysis.

Title: GENDEQU - Gender equality at the university

PI name: dr hab. Michał Krawczyk

Source of funding: National Centre of Research and Development, funding from the Polish-Norwegian Research Programme

Amount of funding: PLN 1 200 000,00 for University of Warsaw (leader) PLN 475 822,50

Project objectives: This project is aimed at investigating various forms of gender discrimination in academia. Studies show that despite substantial progress, cultural, economic, social and political barriers to women's progress in science still persist. In this interdisciplinary project we will apply the gender mainstreaming perspective to several important aspects of this issue. GENDEQU project has received funding from the Polish-Norwegian Research Programme operated by the National Centre for Research and Development under the Norwegian Financial Mechanism.

Title: CECILIA2050 - Choosing efficient combinations of policy instruments for low-carbon development and innovation to achieve Europe's 2050 climate targets

PI name: dr hab. Mikołaj Czajkowski

Source of funding: European Commission FP7

Amount of funding: for University of Warsaw PLN 345 162,00

Project objectives: Europe needs to transform itself to a low-carbon economy by mid-century. The existing instrument mix needs to be scaled up drastically to initiate the changes needed across the economy. As the scale and scope of instruments increases, their interaction becomes more important, as do constraints on the political, legal and administrative feasibility. To evaluate their efficiency and effectiveness, instruments cannot be viewed in isolation; understanding and managing their interaction becomes key.

The CECILIA2050 project analyses the performance of existing climate policy instruments and their interaction, and maps pathways for the evolution of the instrument mix in Europe. It describes ways to improve the economic efficiency and environmental effectiveness of the instrument mix, and to address constraints that limit their performance or feasibility. These include public acceptance, availability of finance and the physical infrastructure, but also the administrative and legal framework.

The first, backward-looking part of the project takes stock of the existing instrument mix in the EU and its Member States, and assesses their coherence and past performance. It describes which factors determine their efficiency and effectiveness, and measures their effects on equity, innovation and competitiveness. The second, forward-looking part maps pathways towards a more ambitious policy mix for 2030 and 2050, starting from the current EU climate policy. With economic instruments at the heart of the mix, it describes and models how the instrumentation could evolve, based on scenarios of the magnitude of change required for the low-carbon transformation. To this end, it combines the state of the art modelling tools with qualitative and participatory methods. To complement the EU-level analysis, the effects of EU climate policies are quantified at the global level.

8. Description of the available laboratory and office space for Dioscuri Centre (*up to one page in A4 format*):

Faculty of Economic Sciences will ensure optimal conditions for conducting research including:

- furnished office space of ca. 40 sq.m,
- computers with required software with IT support,
- professionally equipped laboratory to run economic experiments,
- library with access to international journals and books,
- access to scientific research networks,
- access to the datasets collected by Faculty

9. List of the available scientific equipment for Dioscuri Centre:

- computing and storing cloud within University of Warsaw infrastructure

10. List of the additional benefits that the Institution declares to provide for Dioscuri Centre (i.e.: additional funds, personal benefits, other) (*up to one in page A4 format*):

For the duration of financing of the Dioscuri Center (also if this period is extended), the Faculty of Economic Sciences will provide:

- additional funds at the disposal of the Dioscuri Center at least equivalent to EUR 25,000 per year,
- administrative and financial support,
- support by administrative staff (with good command of English).

Researchers of Dioscuri Center will benefit from:

- **Competitive costs of living.** According to the QS Best Student Cities 2016 Warsaw is the 2nd best place in the world for international students in terms of affordability.
- **Easy travel around Europe.** It will take you only 2 hours to get to Paris or London.
- **Sustainable growth.** Poland is a member of the European Union and one of the few countries which maintained a growing GDP during the economic crisis in 2009.
- **Vibrant and exciting life in Warsaw.** The city is constantly changing, combining Western amenities and Eastern prices, Western sophistication and Eastern hospitality. One of the most sociable and friendly cities according to Business Insider.
- **Nature.** 1/4 of the city area includes parks and gardens. Moreover, Warsaw is located in the center of Poland and therefore it is easy to go to the mountains or to the seaside or for a short excursion to the forests during the weekend.
- **Polish culture.** There are numerous cultural activities, clubs and events to attend. Enjoy visiting the POLIN Museum of the History of Polish Jews, the Copernicus Science Centre, the Warsaw Uprising Museum, the Life under Communism Museum, or the National Art Gallery.

11. Other information about internationalization of the scientific institution, foreign scientists employed at the institution, availability of the English language seminars etc. (*up to one page in A4 format*):

All students, both Polish and international, can benefit from the Erasmus+ exchange programme and choose to study one or two semesters in a different country in the EU, as well as from double degree programs on undergraduate and graduate level (Belgium, Germany, Portugal, China).

Faculty of Economic Sciences' degree programmes combine solid foundation of academic education with high quality of specialized knowledge, without which one cannot smoothly function in modern economic environment. Our graduates are respected and sought out by employers and easily find employment in various institutions. University of Warsaw is one of the most prestigious universities in this part of Europe.

The Faculty offers a large number of courses at the three levels of academic study (half of them offered both in Polish and English), and three specialized degree programs in English – at B.A. level: Finance and International Investment; and at M.A. level: Quantitative Finance, International Economics and Data Science. In cooperation with other faculties at the University of Warsaw (Mathematics, Computer Science and Mechanics, Philosophy and Sociology, Law and Administration, and Management), the Faculty also offers interdisciplinary studies. Its program in Quantitative Finance is ranked among the top 20 in the world. Currently, the Faculty has on its roll 1,200 undergraduate students, 700 graduate students, and 50 PhD students. Courses can be taken in English. In addition, the Faculty runs a program in postgraduate studies in which 150 external students are enrolled. Students at the Faculty have won numerous awards in prestigious

competitions, and have received grants for outstanding young researches. As can be seen from the success record of many graduates of the Faculty, studies at the Faculty prepare students very well for professional careers, both within and outside academia.

