

# Science Speed Dating

## Securing the Future in Baltic Sea Region

*back-to-back event with the EUSBSR Annual Forum 2025*

Environment

Economy and labor  
market

Society

Health, medicine and  
food

# Science Speed Dating Securing the Future in Baltic Sea Region

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**First and last name, Title, Affiliation:** Jolanta Cerkowska, MBA, international Public Procurement/Innovation/Defence/Dual Use

**Email, research profile:** [jolanta.carkowska@arp.gda.pl](mailto:jolanta.carkowska@arp.gda.pl);  
[www.linkedin.com/in/jolantacarkowska](https://www.linkedin.com/in/jolantacarkowska)

**Research Interest, Fields for collaboration:** international Public Procurement/Innovation/Defence/Dual Use

**Main areas of conducted analyses:** international Public Procurement/Innovation/Defence/Dual Use

**Ongoing/Completed Projects:** international Public Procurement/Innovation/Defence/Dual use

**Collaboration Expectations:** [www.linkedin.com/in/jolantacarkowska](https://www.linkedin.com/in/jolantacarkowska)

Economy and labor; Environment; Health, medicine and food; Society

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**First and last name, Title, Affiliation:** Giuseppe T. Cirella , PhD, Hab, Faculty of Economics  
University of Gdańsk

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<https://www.researchgate.net/profile/Giuseppe-Cirella>

**Research Interest, Fields for collaboration:** Interdisciplinary studies, geography,  
environment, urban studies

**Main areas of conducted analyses:** Urban studies, human geography

**Ongoing/Completed Projects:** Visegrad V4 rewilding

**Collaboration Expectations:** Research scientist, recently completed a one year sabbatical,  
interested in expanding on society studies

Society

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**First and last name, Title, Affiliation:** Monika Dmitrzak, Agencja Rozwoju Pomorza S.A.

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**Research Interest, Fields for collaboration:** circular economy, science-business cooperation, energy communities

**Ongoing/Completed Projects:** - CIR-CO-WAY - Polish-Norwegian way to the circular cooperation in industrial, science and technology parks (Role: lead partner; <https://www.arp.gda.pl/2402,cir-co-way>)  
- BALTICBEAT - Building Engagement to Accelerate Clean Energy Transitions in the South Baltic (Role: project partner, Lead Partner: UG; <https://balticbeat.ug.edu.pl/#about>)  
- SMART CON EUROPE - Smart Connection of Regional Research and Innovation Ecosystems with European R+I programmes (Role: lead partner; <https://www.interregeurope.eu/smart-con-europe>)

**Collaboration Expectations:** I am a project manager with knowledge and experience in developing and implementing international projects. I am interested in exchanging ideas and contacts with a view to strengthening cooperation between science and business, as well as in opportunities for developing joint projects.

Environment; Economy and labor market

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**First and last name, Title, Affiliation:** Indre Gecaite, PhD, Lithuanian energy agency

**Email, research profile:** indre.gecaite@ena.lt; <https://orcid.org/0000-0001-6870-4862>

**Research Interest, Fields for collaboration:** Climate change, energy transition, economy

**Main areas of conducted analyses:** Climate change, energy transition

**Ongoing/Completed Projects:** PA Energy, Composite Circle, BOWE2H

**Collaboration Expectations:** I am currently pursuing my second PhD in energy economics, aiming to integrate climate change, energy transition, and economic feasibility into a single research framework. This work requires extensive interdisciplinary knowledge and innovative thinking. I am eager to establish new connections in the academic field, learn about ongoing research by others, gain fresh ideas and insights, and broaden and enrich my perspective.

Environment

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**First and last name, Title, Affiliation:** Laura Grzonka, M.Sc., University of Gdansk

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[https://www.researchgate.net/profile/Laura\\_Grzonka?ev=hdr\\_xprf](https://www.researchgate.net/profile/Laura_Grzonka?ev=hdr_xprf) <https://orcid.org/0000-0001-7624-9433>

**Research Interest, Fields for collaboration:** Sea dynamics, water waves, sea ice, environmental physical oceanography, Baltic region

**Main areas of conducted analyses:** PDEs, PIML, data analysis

**Ongoing/Completed Projects:** Probabilistic characteristics of water waves on open water and in sea ice

**Collaboration Expectations:** My main area of research are interactions between water waves and sea ice. I use high-speed cameras to register free surface elevations, and an ADCP for the current information. I would love to collaborate on this subject, particularly in terms of doing measurements. I have access to the both types of devices. I will use Physics Informed Machine Learning methods to analyze the data.  
With a team of eager young researchers, we also investigate environmental physical oceanography of the southern Baltic Sea, especially the Gdańsk Bay. We have been on several cruises on Oceanograf, the research vessel of the University of Gdańsk, so far, gathering data on the physics and geology of the Bay. I will be happy to use my skills and knowledge on water waves, probability theory, differential equations, machine learning methods, sea ice, and environmental physical oceanography, in various types of collaboration.

Environment

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**First and last name, Title, Affiliation:** Filip Hahs, M.Sc., Gdańsk University of Technology

**Email, research profile:** filip.hahs@gmail.com

**Research Interest, Fields for collaboration:** Simulation, numerical methods, wind energy, computing, C++

**Main areas of conducted analyses:** Engineering optimizations of fluid flow, implementation of solvers of various types, open source contributions

**Ongoing/Completed Projects:** PhD in optimal control of wind turbines, Collaboration with Georgia Tech in the field of noise reduction of aircraft

**Collaboration Expectations:** I can collaborate on project involving engineering-focused programming of any kind, high performance C++ and GPU, Python, Machine learning, implementation of numerical solvers

## Environment



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**First and last name, Title, Affiliation:** Ozum Imren, MA student International Relations

**Email, research profile:** ozumimren@gmail.com

**Research Interest, Fields for collaboration:** Military Ethics- Defense Policy- Hybridwarfare- Weaponized AI

**Main areas of conducted analyses:** Lethal Autonomous Weapons, Conflict Studies, US-China Rivalry

**Ongoing/Completed Projects:** Geopolitical Impacts of Lethal Autonomous Weapons Development/ Institutional Shift in Collective Security the EU, Nordic Defense Cooperation

**Collaboration Expectations:** PhD positions- Defense and Security Policy Analysis related jobs-networks- research

**Society; Economy and labor market**

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**First and last name, Title, Affiliation:** Adam Marszk, PhD, Hab., Gdańsk University of Technology

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<https://scholar.google.pl/citations?user=M0ox0xQAAAAJ&hl=pl>

**Research Interest, Fields for collaboration:** sustainable finance, sustainable investing, blue finance, financing sustainable development, financial innovations

**Main areas of conducted analyses:** sustainable finance, commodities investing, financial markets

**Ongoing/Completed Projects:** 1. Innovative sustainable investment funds in Europe: determinants of development and socio-economic consequences. The sustainable development perspective. 2. Exchange traded funds as innovative products on financial markets: development factors and impact on financial system. Experiences of European countries, implications for Poland. 3. Reshaping financial systems – identifying the role of ICT in diffusion of financial innovations. Recent evidence from European countries.

**Collaboration Expectations:** Establishing cooperation concerning, for example, the field of blue finance: various financial products and services linked to financing of sustainable development of the marine areas. It would be possible to make it interdisciplinary research, merging various academic perspectives and applying it to the Baltic Sea Region.

**Economy and labor market**

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**First and last name, Title, Affiliation:** Dagmara Nikulin; PhD Hab., Gdańsk University of Technology

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**Research Interest, Fields for collaboration:** labour market, working conditions, well-being, nutrition

**Main areas of conducted analyses:** working conditions, wages, self-employment

**Ongoing/Completed Projects:** Working conditions and technology

**Collaboration Expectations:** I would like to expand my research on working conditions and well-being to include aspects related to mental and physical health, including the impact of nutrition.

Economy and labor market

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**First and last name, Title, Affiliation:** Adam Olszewski, PhD Eng.; Gdańsk University of Technology

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**Research Interest, Fields for collaboration:** Plastics, Wood, Recycling, Composites, Polyurethanes,

**Main areas of conducted analyses:** Processability, Mechanical analysis, Thermal analysis

**Ongoing/Completed Projects:** Solvothermal liquefaction as a pro-ecological method of wood-like waste management,  
Manufacturing and properties of polyurethane-wood composites (PU-WC) using bio-polyols from the biomass liquefaction process,  
Study on the correlation between supramolecular structure and functional properties of novel copolyamide-esters partially based on renewable sources

**Collaboration Expectations:** I am a materials engineer, specialised in plastics and wood. I have a wide range of apparatus for plastics and wood properties validation (mechanical, thermal, thermomechanical, chemical, etc.). I'm looking for cooperation in national and international projects. I'm experienced in project writing and management of small research and work groups. I worked for the National PhD Students Association and cooperated with the Polish Ministry of Science and Education.

Environment, Society, Economy and labor market

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**First and last name, Title, Affiliation:** Paweł Sachadyn, Professor; Laboratory for Regenerative Biotechnology, Gdańsk University of Technology

**Email, research profile:** psach@pg.edu.pl; <https://chem.pg.edu.pl/en/lab-rb>

**Research Interest, Fields for collaboration:** pharmacoregeneration, drug discovery, epigenetics, regenerative medicine

**Main areas of conducted analyses:** Discovery of regenerative drugs

**Ongoing/Completed Projects:** REGENNOVA, BIONANOVA

**Collaboration Expectations:** Clinicians interested in regenerative medicine, researchers interested in regenerative drugs

Health, medicine and food

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**First and last name, Title, Affiliation:** Gilvana Siqueira; M.Sc., Federal University of Uberlândia, Brazil

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**Research Interest, Fields for collaboration:** Chemistry; Electrochemistry; Sensors; 3D printing; Environmental contaminants

**Main areas of conducted analyses:** Analytical chemistry and electrochemistry

**Ongoing/Completed Projects:** Use of tire rubber waste for the development of an electrochemical sensor for the detection of the pesticide carbendazim in environmental samples

**Collaboration Expectations:** As a PhD student in Chemistry, I am developing low-cost electrochemical sensors for detecting environmental contaminants. My goal is to collaborate with others exploring sustainable and affordable methods for environmental analysis that benefit society.

Environment

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**First and last name, Title, Affiliation:** Alicja Sznarkowska, PhD, University of Gdańsk, International Centre for Cancer Vaccine Science

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<https://www.researchgate.net/profile/Alicja-Sznarkowska>

**Research Interest, Fields for collaboration:** cell signaling, NRF2-KEAP1 pathway, translation regulation, lung cancer, MHC class I

**Main areas of conducted analyses:** oxidative stress response, protein translation, cancer

**Ongoing/Completed Projects:** NCN Sonata

**Collaboration Expectations:** new technologies and methodologies, out of the box questions to address, new perspectives to look from, collaborators

Health, medicine and food

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**First and last name, Title, Affiliation:** Anna Tyrańska-Fobke; assistant professor PhD; Medical University of Gdansk

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<https://ppm.gumed.edu.pl/info/author/GUM71d777fb1eb1425c955e0a42291f6ca9?r=author&tab=&title=Profil%2Bosoby%2B%25E2%2580%2593%2BAnna%2BTyra%25C5%2584ska-Fobke%2B%25E2%2580%2593%2BGda%25C5%2584ski%2BUniwersytet%2BMedyczny&lang=pl>

**Research Interest, Fields for collaboration:** health care organisation, health policy, addictions,

**Main areas of conducted analyses:** scientific: healthcare organisation, addictions, vaccinations,

**Ongoing/Completed Projects:** Scientific: clinical and economic effectiveness of coordinated care in primary health care for patients with hypertension (completed), with type 2 diabetes (in progress); organisation and financing of hospital emergency departments (completed), organisation of COVID vaccination programmes (completed)

**Collaboration Expectations:** I conduct research on various aspects of healthcare organisation and the broadly understood topic of addiction. In this regard, I am delighted to be able to collaborate with representatives of healthcare entities. In the future, I plan to further develop this collaboration in the context of research. As a team at the Department of Public Health and Social Medicine, we are implementing a number of interdisciplinary projects in public health. Although we do not have any specialised equipment at our disposal, we do not need it.

Health, medicine and food