



POLYTECH

Peter the Great
St. Petersburg Polytechnic
University



POLYTECH

Institute of industrial management,
economics and trade



POLYTECH

Graduate school of
Industrial economics

CALL FOR PAPERS

INTERNATIONAL SCIENTIFIC CONFERENCE ON INNOVATIONS IN DIGITAL ECONOMY: SPBPU IDE-2022

October 27 – 28, 2022, Saint Petersburg, Russia

The [Graduate School of Industrial Economics \(GSIE\)](#) of Peter the Great Saint Petersburg Polytechnic University (SPbPU) and the [Centre for Sustainable Infrastructure Development \(CSID\) of Universitas Indonesia \(UI\)](#) present the annual [International Scientific Conference on Innovations in the Digital Economy: SPBPU IDE-2021](#).

Disruption of economic collaboration between countries and international supply chains, consequences of the support measures during the spread of COVID-19 have led to the emergence of new opportunities and risks for the development of the digital economy. On the one hand, rising prices for components and technologies or their unavailability significantly complicate the transition to Industry 4.0. On the other hand, the crisis is an opportunity for the development of digital technologies that will significantly increase the efficiency of organizations. Therefore, the purpose of the conference is to discuss the development of the digital economy and Industry 4.0 and present the latest scientific and practical results on this topic. We are confident that the community of participants in our conference is the key to spreading knowledge and promoting international cooperation. Join us from 27 to 28 October 2022!

1. TOPICS

- Economic efficiency and the social consequences of implementing digital innovations
- Regional innovation systems and clusters as drivers of economic growth during the Fourth Industrial Revolution
- Industrial, service and agricultural digitalisation

- Responses of the educational system and labour market to digital-driven changes in the economic system
- Digital transformation in the government sector
- Digital transformation in the financial sector
- Round table “Best practices of digital modelling and system engineering in complex technical and socio-economic systems”

2. IMPORTANT DATES

10th of October – Paper submission deadline (**EXTENDED**)

31st of October – Deadline for signing the licensing agreement and sending a camera-ready copy

3. CONFERENCE VENUE

The conference will be held both virtually and on campus.

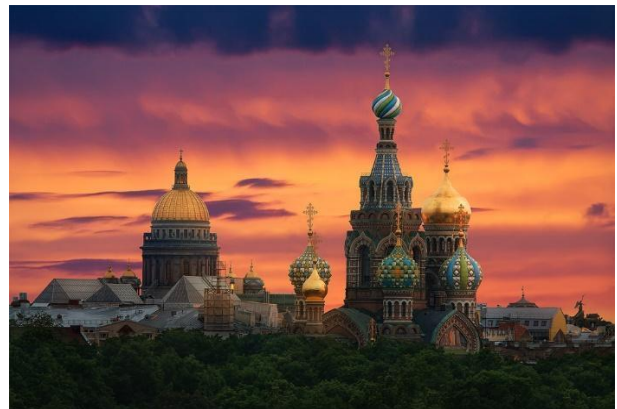
The conference will be held at SPbPU’s 50th studying building, located at **50 Novoross Street (Metro Polytechnicheskaya), 195251, Saint Petersburg, Russia.**

This modern congress centre, featuring comfortable halls equipped with everything necessary for conferences and other events, is located in the heart of the university campus in northern St. Petersburg within easy walking distance of the Polytechnicheskaya Metro station.





St. Petersburg was named Europe’s Best Tourist Destination of the Year 2017, Europe’s Leading Heritage Destination 2018 and Europe’s Leading Cruise Destination 2018 at the World Travel Awards. We recommend that conference participants book hotels in the city centre near the red Metro line (it takes about 20–30 minutes to reach the venue by metro from the city centre). You may also choose hotels that are within walking distance of the venue.



CONFERENCE PARTNERS

- Faculty of Engineering, UI
- Institute for Problems of Regional Economics, RAS

- CSID, UI
- Laboratory Industrial Systems for Streaming Data Processing, SPbPU
- Centre of Innovation and Technology Transfer of the Academy of Economic Studies, Moldova University, Moldova
- Federal State Budget Educational Institution of Higher Education, Bryansk State Engineering Technological University
- Federal State Budget Educational Institution of Higher Education, Dagestan State University
- Tajik State Finance and Economics University

4. PAPER SUBMISSION AND REGISTRATION

- *General guidelines*

Registration of articles is carried out at the link:
<https://forms.yandex.ru/u/631077d700c35008448297a3/>

During the submission authors must highlight, which publishing opportunity they would like to explore:

- [π-Economy journal](#)
- [International Journal of Technology \(IJTech\)](#) (Scopus, Q2)
- [Sustainable Development and Engineering Economics \(SDEE\)](#)
- [Springer “Communications in Computer and Information Science” \(CCIS\)](#) (Scopus)

All submitted papers go through a peer review process. Corrected articles should be sent to the conference mail: ide_manager@spbstu.ru.

All submitted papers must be presented at the conference. However, depending on the option chosen, the further work process also changes.

Articles submitted to **π-Economy** are first checked for compliance with the main scope of the journal, then authors are sent a notification about the possibility of uploading the article to the journal electronic system. The following is a scientific review.

Submissions for **IJTech journal** go through two rounds of peer review. At the first stage, the review is carried out by members of the program committee and invited reviewers. Based on the results of the first stage of peer review, a package of recommended articles for submission to the editorial board of the journal. At the second stage, the editorial board of the IJTech journal reviews the submitted materials and decides whether to accept or reject the articles for publication.

Articles submitted to the **SDEE journal** will undergo a two-stage peer review process. At the first stage, a technical review and verification of the subject matter of the article for compliance with the scientific direction of the journal is carried out, according to the results of which the authors will be sent detailed instructions for uploading the article to the electronic editorial office of the journal. As part of the electronic edition of the SDEE journal, further work will be carried out with the materials of the article, including scientific peer review, etc.

Springer CCIS implies the publication of articles that have been fully peer-reviewed: technical and scientific components, as well as English language checking, which have received high ratings from reviewers.

Also, within the framework of the conference, there is an agreement with the MDPI publishing house for two special issues. The Organizing Committee of the conference conducts a preliminary review of the articles submitted to these special issues to improve their compliance with the requirements of the publisher. Payment for articles is carried out at the rates of the publisher:

- **Risks Journal** (Scopus, Q2), Special Issue "Risk Analysis and Management in the Digital and Innovation Economy":
https://www.mdpi.com/journal/risks/special_issues/Risk_Analysis_Management_Digital_Innovation_Economy
- **Journal of Mathematics** (Scopus, Q2), Special Issue "Applications of Data Envelopment Analysis and Econometrics":
https://www.mdpi.com/journal/mathematics/special_issues/TO59MNOK42

- ***Manuscript structure***

The manuscript should have the following structure:

- title
- authors
- keywords
- abstract
- introduction
- materials and methods
- results
- discussion
- conclusion
- acknowledgments
- references

- ***Origin, motivation and contribution***

The submitted papers should be original, previously unpublished research manuscripts that are not under consideration for publication in any other conference proceedings (journal, etc.). The papers should relate to the main topic and sub-topics of the conference and should present novel research results of international interest. In special issues of IJTech, the journal of SDEE, Springer CCIS, as well as Risks and Mathematics we publish only papers written in good English. All papers are thoroughly checked for plagiarism.

- ***Review process***

Each paper is subject to a twofold, double-blind peer review. The editor of the proceedings takes a decision based on the results of at least two reviews. In addition, each paper passes a plagiarism check (using iThenticate), formal requirements check and English language check. A paper is accepted only when it successfully passes all the checks and when all the reviewers' comments are addressed. We ask authors to highlight all the changes that are made to improve their papers in response to the reviewers' comments. In addition, please provide in a separate file a list of the reviewers' comments and your replies to those comments (where and how you have improved your paper). This will greatly aid the review process, making it shorter and more effective.

- ***The journal “ π -Economy”***

Upon successful completion of the review, the authors receive confirmation of article acceptance for publication in the journal “ π -Economy”: <https://economy.spbstu.ru/en/>

The subject areas:

- digital economy: theory and practice
- innovations management

Research papers should be kept to a maximum of 12–17 A4 pages (including figures), review papers – up to 25 pages. The maximum number of figures (diagrams, graphs, images, photographs, etc.) should not exceed 6.

If the authors agree to submit the article to this journal and pass the primary technical review, further submission processes and article review take place through the [SPBPU E-submission system](#).

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The journal is indexed by the following databases:

- Russian Science Citation Index
- Ulrich's Periodicals Directory
- Google Scholar
- DOAJ
- EBSCO
- Proquest
- ROAD
- CNKI
- CyberLeninka
- Index Copernicus

The publication is open and free for all scientists, regardless of their place of work.

- ***Special issue of IJTech***

After the review process, papers may be recommended for publication in *IJTech* ([Scopus, Q2](#)): <https://ijtech.eng.ui.ac.id/>. The theme of the special issue corresponds to the conference topics. Paper should be presented at the conference.

The subject areas of the journal include business, management and accounting (management of technology and innovation, strategy and management) and engineering (miscellaneous).

IJTech is currently indexed in Google Scholar, DOAJ, EBSCO, GISI, Index Copernicus, Scopus, SCImago, Emerging Sources Citation Index (ESCI) Thomson Reuters and the Directory of Research Journal Indexing (DRJI). It has been accepted for coverage in selected Elsevier product(s) and is a member of CrossRef.

If the authors agree to send their papers for review to the journal's editorial board, the conference managers will include their papers in a package of the best selected papers. *IJTech*'s editorial board will review these and select up to 20 of the best papers, which will be published in special issues of the journal in November–December 2021. The remaining papers will be returned to the authors.

After the conclusion of SPBPU IDE-2020 (conference 2), special issues of *IJTech* were published (Volume 11: [Number 6](#), [Number 8](#); Volume 12: [Number 7](#)) and indexed in Scopus (Q2).

- ***SDEE***

According to the reviewing results, we may offer to publish your manuscript in *SDEE*, a scientific publication on the topic of sustainable development and engineering economics. The journal publishes original scientific articles and accepts articles in the following main sections:

- economics of engineering decisions
- enterprises and the sustainable development of regions
- regional infrastructure development
- management of innovations

The recommended article length is 4,000 - 6000 words.

If the authors agree to submit the article to this journal, further submission processes and article review take place through the [SPBPU E-submission system](#).

The journals do not charge authors for the preparation, reviewing, publishing and posting of articles in the public domain.

All articles have gold open-access status. Articles are licensed under [Creative Commons Attribution-NonCommercial 4.0 International License](#) (CC BY-NC 4.0).

The publisher of *SDEE* is SPbPU. The articles published in *SDEE* address sustainable development topics as well as innovative solutions in engineering economics.

- **[Springer “Communications in Computer and Information Science”](#)**

Papers that successfully pass peer review can be accepted for publication in the Springer proceedings (Communications in Computer and Information Science series).

Thematically, authors' articles should be devoted to information technology, communication sciences, digitalization and interdisciplinary areas.

Articles are published only in English. There is no publication fee.

Indexing bases: DBLP, Google Scholar, EI-Compendex, Mathematical Reviews, SCImago, Scopus.

- ***Registration fee payment****

Category	Amount (USD)
Listener only	Free of charge
Presenter	Free of charge
APC for publication in a special issue of IJTech	Free of charge
SDEE	Free of charge
π -Economy	Free of charge
Springer CCIS	Free of charge
Risks special issue	APC in accordance with the MDPI's policy
Mathematics special issue	APC in accordance with the MDPI's policy

* We can propose discounts to partners of SPbPU's Graduate School of Industrial Economics. If you would like to apply for a discount, please send your request to the conference organising committee: ide_manager@spbstu.ru.

- ***Contact person***

If you have any questions, please contact the conference coordinator:

Kulachinskaya Anastasia Yuryevna

ide.manager@spbstu.ru

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(10.00–16.00 Moscow time)