



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-2020

October 22-23, 2020, Saint Petersburg, Russia

[Graduate school of industrial economics \(GSIE\)](#) of Peter the Great Saint-Petersburg Polytechnic University (SPbPU) and [Center for Sustainable Infrastructure Development \(CSID\) of Universitas Indonesia \(UI\)](#) presents [International Scientific Conference on innovations in digital economy: SPBPU IDE-2020](#). The conference will be held on October 22-23, 2020.

The processes of innovation diffusion during fourth industrial revolution reshape economic systems and cause structural changes in different economic sectors and spheres. These innovations have become the basis of the new digital infrastructure of society. The conference SPBPU IDE-2020 will bring together experts from academia and industry to uncover the challenges and solutions to ensuring digital transformation of economic systems. The objective of the conference is to discuss recent contributions to the understanding of the innovations in digital economy and their consequences for modern societies. This conference will disseminate the most recent advances in this field and promote collaborations to maximize opportunities for innovative solutions.

1. TOPICS:

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

- Response of an educational system and labor market to the digital-driven changes in the economic system
- Digital transformation in the government sector
- Digital transformation in the financial sector

2. SPECIAL TRACKS AND SESSIONS:

- «Writing and Publishing a scientific journal paper: Tips and Strategy» - special lecture from editors of IJTech journal
- Round table “End-to-end digital technologies in industry” by SPbPU Laboratory «Industrial systems for streaming data processing»
- Round table “Cross-border collaboration in digital age” by participants of the INCROBB project

For detailed description of the conference sections, please, visit the conference website: <http://ide.spbstu.ru/>

3. IMPORTANT DATES:

~~15th July~~ **20th august** – Paper submission deadline

~~30th August~~ **15th september** – deadline for author registration

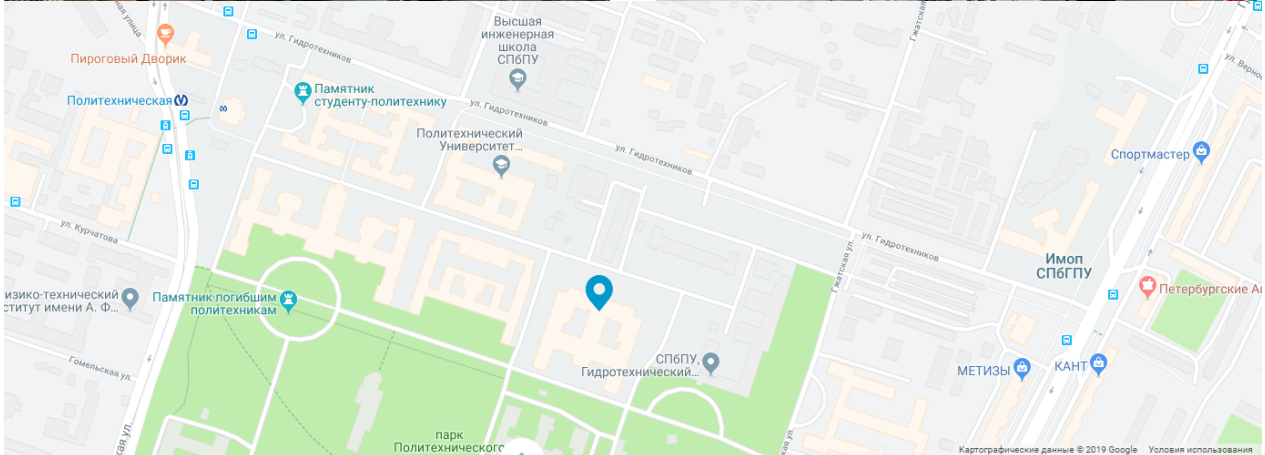
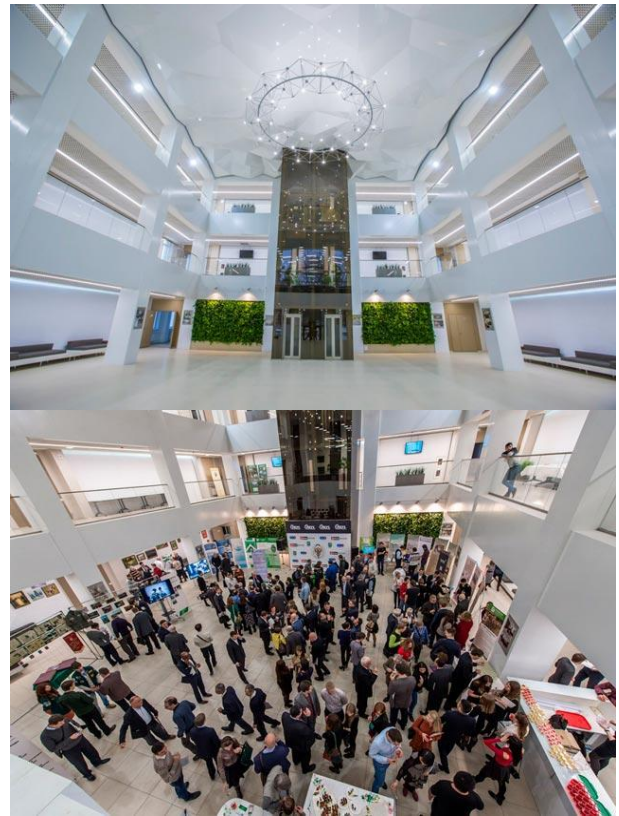
20th September – deadline for signing licensing agreement and sending a camera-ready copy.

4. CONFERENCE VENUE

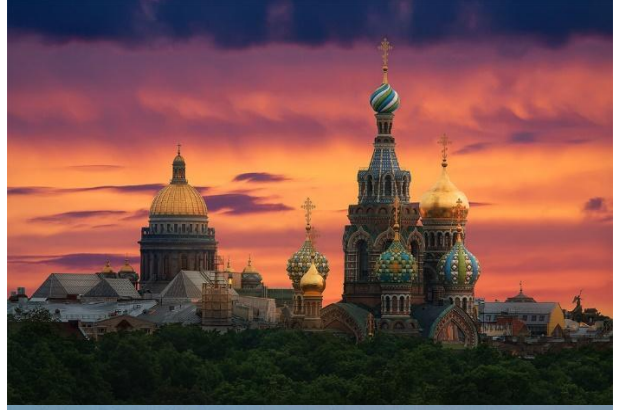
Due to the possibility, that COVID-19 restrictions will continue, **the conference will be held both virtually and on-campus**. Virtual attendance will be organized through usage of special software.

The conference will be held at Scientific - Research Building of Peter the Great Saint Petersburg Polytechnic University, which is located at **29 Polytechnicheskaya Str., (Metro Polytechnicheskaya), 195251, Saint-Petersburg, Russia**

This modern congress center with comfortable halls is equipped with everything necessary for conferences and other events. It is located in the heart of the university campus on the north of St. Petersburg within easy walking distance of the metro station Polytechnicheskaya.



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



5. CONFERENCE PARTNERS

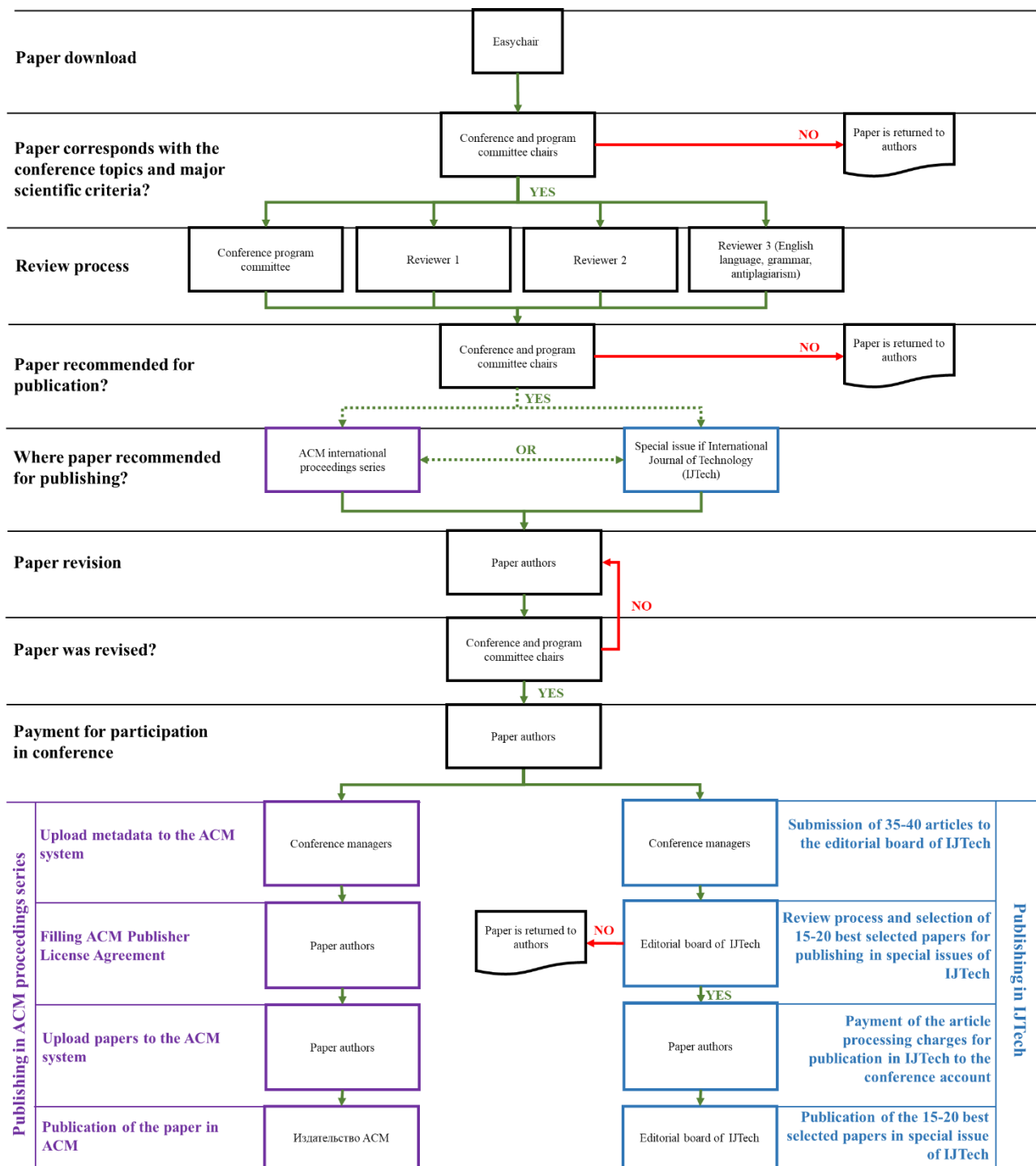
- Faculty of Engineering, Universitas Indonesia
- Institute for Problems of Regional Economics RAS
- Tallinn university of technology
- Center for sustainable infrastructure development, Universitas Indonesia
- Laboratory Industrial Systems for Streaming Data Processing at Peter the Great Polytechnic University
- Graduate school of business and management at Peter the Great Polytechnic University, Russia.
- Center of innovation and technology transfer of academy of economic studies of Moldova (university), Moldova
- Graduate school of service and trade at Peter the Great Polytechnic University, Russia.
- Brandenburg University of Technology
- 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.

6. PAPER SUBMISSION AND REGISTRATION

- *General guidelines*

Scheme below presents general workflow of the submission process for International Scientific Conference on innovations in digital economy: SPBPU IDE-2020.

After review, we will forward authors recommendations on sending their papers either to the ACM proceedings series, either to the special issue of International Journal of Technology. Authors should choose one of the presented options and follow further instructions. Authors should note, that if they choose special issue of International Journal of Technology, it does not guarantee to them publication in this special issue. Conference program committee only collects package of recommended papers and sends it to the editorial office of International Journal of Technology. Final decision is made by the editorial board of the journal.



- **Conference management system**

Registrants are invited to submit their papers for review through the easyChair manager system: <https://easyChair.org/conferences/?conf=spbpuide2020>.

Please note: You must register for the conference through the easyChair manager system in order to be considered for participation. Papers received from anyone who has not registered to attend the conference will not be considered.

- **Manuscript structure**

The manuscript should follow [the IMRaD format](#) :

- Title
 - Authors
 - Keywords
 - Abstract
 - Introduction
 - Materials and methods
 - Results
 - Discussion
 - Conclusion
 - Acknowledgments
 - References
-
- ***Origin, Motivation and Contribution***

Papers submitted should be original research manuscripts, never published before and not under consideration for publication in any other conference proceeding (journal etc.). All the papers are supposed to present novel research results of international interest. Papers need to be related to the main topic of the conference and conference topic fields. We publish papers written in good English only. All papers are thoroughly checked for plagiarism.

- ***Review process***

Each paper is subject for double double-blind peer review. Editor of the proceedings takes decision based on the results of at least two reviews. In addition, each paper passes plagiarism check (we use iThenticate solution), formal requirements check and English language check. Paper is accepted only when all the checks are passed successfully and all reviewers' comments are fixed. We ask you to highlight all the changes, which you perform in order to improve your paper in accordance with the reviewer's comments. In addition, please, provide in a separate file a list of the reviewers comments and your replies to these comments (where and how you have improved your paper). This will help a lot in the review process and will make it shorter and more effective.

- ***Proceedings volume by ACM***

Submissions will be peer reviewed by conference committees. Accepted papers will be published in International Conference Proceedings Series by ACM (Association for Computing Machinery). ISBN: 978-1-4503-8831-3.

Approximate volume of the proceedings paper is between 4000 and 6000 words, but not less than 5 pages of the ACM formatted paper.

List of literature and in text citations should be formatted using [mendeley](#) programm. For ACM proceedings authors should choose style “Association for computer machinery”. In order to install it authors should choose: View → Citation style → Journal abbreviations → Get more styles → Association for computer machinery (Patrick O’Brien 2019) → Install → Use this style.

Reference list should include not less than 25 items.

Proceedings volume will be submitted to the ACM digital library: <https://dl.acm.org/>. After that proceedings volume will be **submitted to be reviewed by Scopus** and **Thomson Reuters Conference Proceedings Citation Index (ISI Web of Science)**.

Report on 2019th conference can be found [here](#). Proceedings volume was published at [International Conference Proceedings Series by ACM \(Association for Computing Machinery\)](#) and indexed in [Scopus](#).

- ***Special issue of the International Journal of Technology (IJTech)***

After the review process, papers can be recommended for publishing in International Journal of Technology (IJTech) ([Scopus, Q1](#)): <https://ijtech.eng.ui.ac.id/>. Theme of special issue corresponds to the conference topics.

Paper should be presented at the conference.

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

If authors agree to send their papers for review to the journals’ editorial board, then conference managers will include their papers in the package of 35-40 best selected papers. This package will be sent to the editorial board of International Journal of Technology (IJTech). Editorial board will review these papers and select 15-20 best papers, which will be published in special issues of the journal at November – December of 2020.

The rest papers will be returned to authors.

- ***Registration fee payment***

Listener (onsite)/presenter – 100\$

Academic registration – 300\$: presentation at the conference + publication of the paper in ACM proceedings series.

Publication in special issue of IJTech is possible only after positive decision of the editorial board. Therefore, the APC (article processing charge), is payed to

the conference account separately and only after positive decision of the IJTech editorial board. The APC for publishing in special issue of IJTech is 650\$.

*For partners of Graduate school of industrial economics of Peter the Great Saint-Petersburg Polytechnic University we can propose discounts. If you would like to apply for a discount, please, send your request to the conference organizing committee email: ide_manager@spbstu.ru .

- ***Contact person***

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

Kulachinskaya Anastasia Yuryevna
ide.manager@spbstu.ru
+7 (921) 904 04 49
(10.00-18.00 Moscow time)

7. PUBLICATION ETHICS

The **International Scientific Conference on innovations in digital economy: SPBPU IDE-2020** complies with the ethical standards adopted by the scientific community, in particular, with the guidelines of the [Committee on Publication Ethics](#). The focus is on the responsibility of all participants of the editorial process.

- ***Responsibility of the authors***

All scientific papers should be original. Violations of this principle include:

- plagiarism, i.e., deliberately appropriating someone else's work or citing someone else's work without attribution to the original author; both verbatim copying and paraphrasing are considered plagiarism;
- simultaneous submission to multiple journals or conference proceedings;
- republishing a paper or a considerable part of it, including translations from another language; this does not concern papers published as part of conference proceedings.

The authors of the paper must ascertain that the research submitted for publication is original. Works or statements by other authors must be cited and quoted correctly. Plagiarism in any form is unethical behavior and is unacceptable.

The authors are responsible for the validity of the paper; this includes both presenting complete and accurate data, and objective discussion of the data. Data falsification and fabrication are the grossest violations of scientific ethics and are unacceptable.

The authorship assigned in the paper should reflect each author's actual contribution to research and to writing the paper. "Guest authorship" (i.e. listing an author who didn't take part in the research and writing) and "ghost authorship" (i.e. omitting to list an author who made a significant contribution to the research and writing) should be avoided at all costs.

All authors must read the final version of the article and be responsible for all of its content.

All previously published data, results or conclusions (both by the authors themselves and by others) must be cited. The original source should be cited whenever possible, not the derivative works.

- ***Responsibility of the editors***

The editor makes the decision to publish the paper and is responsible for this decision. The criteria that the editors use to assess the paper's eligibility for publication are (primarily) whether the research submitted makes an important contribution to the given field, and whether it complies with the proceeding's subject matter and guidelines. The editors' decision should not be affected by the authors' affiliation, position, race, gender, sexual orientation, religious beliefs, origin, nationality or political preferences.

The editor is responsible for maintaining confidentiality when handling submissions, in particular:

- Unpublished data obtained from the manuscripts submitted for consideration should not be transferred to third parties (other than reviewers and editors involved in handling the specific manuscript) and cannot be used for personal gain
- The identities of the reviewers and the authors remain concealed until a decision is made to publish the manuscript

Editors should withdraw from handling the manuscripts (by contacting another editor or by cooperating with other members of the Editorial Board when handling the manuscript instead of reviewing the manuscript or making the decision about publication on their own) in the event of conflicts of interests due to competing or common or any other activities and relationships with authors, companies and any other organizations associated with the manuscript. The editor should also consider any potential conflict of interests.

- ***Responsibility of the reviewers***

Review is based on mutual respect of the author and reviewer who are equal participants of the scientific process. The main purpose of review is to assess the scientific value of the manuscript and whether it complies with the general

requirements for research. The corrections suggested by the reviewers should improve the quality of the manuscript. The reviewers' comments and recommendations should be clearly argued and based on objective data.

The reviewers must keep confidential the contents of the manuscript under review until it is published, and must not reveal or transfer the article to third parties without the express permission of the editors.

The reviewers should decline to review the manuscript in case of conflict of interests due to competing or common or any other activities and relationships with authors, companies and any other organizations associated with the manuscript.