Ministry of Education and Science of Ukraine

National Technical University of Ukraine «Igor Sikorsky Kyiv Polytechnic Institute»

V.M. Glushkov Institute of Cybernetics of NAS of Ukraine

GlobalLogic Ukraine

The 6th International Scientific and Technical Conference «High Performance Computing» (HPC-UA 2020)

November 6, 2020 - November 7, 2020

Kyiv, Ukraine

The 6Th International Scientific and Technical Conference "High Performance Computing" (HPC-UA 2020) will be held in Kyiv, Ukraine, **November 6 – 7, 2020** at the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" on the basis of the Faculty of Informatics and Computer Science.

The Organizing Committee

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- Prof. Mykhailo Zgurovsky, Rector of Igor Sikorsky Kyiv Polytechnic Institute, Ukraine

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- D.Sc. Vadim Tulchinsky, V.M. Glushkov Institute of Cybernetics, Ukraine
- Tatiana Khriapina, Learning and Development Head Central and Eastern Europe Region, GlobalLogic

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- Prof. Yaroslav Zhurakovsky, Ukraine

Conference topics

- **Cloud Computing.** *HPC. Cloud. Security.*
- **Deep Learning**. *Machine Learning. Artificial Intelligence. Neural networks.*
- **Software and Applications.** *Data Science. Software. Applications.*
- **Embedded Systems and Robotics.** *Intelligent Systems. Internet of Things. Engineering. Robotics. Embedded HPC.*

General Information

The official working language of the Conference is English.

Conference fee for speakers is 600 UAH / $50. For students and PhD students the fee is 300 UAH / $25.

The Conference Finance covers handout materials, coffee breaks and participation in the workshop programs. The Conference Finance does not cover printed publications of the conference materials and accommodation. To obtain a printed copy or book accommodation you should contact the organizing committee of the conference.

Attendance of conference sessions without presentations is free of charge. Only registration on a conference site is required.

Deadlines

Call for Papers	**June 15**
Paper submission due	**August 23**
Notification of paper acceptance	**August 28**
Response of Reviewers	**September 13**
Final Paper Submission	**September 27**
Registration and full payment due	**September 30**

Submission Guidelines

Prospective authors are invited to submit conference paper or poster presentations within the range of conference topics. We encourage authors to present their work on practical studies and experiments, critique of existing works, emerging issues, and novel ideas under development. Original papers not being submitted to journals or other conferences will be considered.

Conference papers to Proceedings must be prepared in English and submitted electronically after registration as a conference participant.

You can also submit your extended article at least 8-15 pages. For publication of extended articles, you should contact the organizing committee.

Extended articles will be published in special issues of the scientific journals of the Faculty of Informatics and Computer Science of Igor Sikorsky Kyiv Polytechnic Institute or the Glushkov Institute of Cybernetics. The Conference Finance does not cover publishing of full articles.

All submitted papers will be reviewed by the International Program Committee to ensure their originality, significance, fundamental insights, potential long-term contribution, correctness, presentation and relevance. To be published accepted papers should be presented at the Conference.

Your submission must satisfy the following limitations:
- conference papers from 4 to 6 full A4 pages,
- poster presentations up to A0 size,
- extended papers up to 8-15 pages.

We only consider papers prepared strongly in line with **IEEE Conference Paper Template**. All papers should be submitted through conference Web site **Paper Submission Form**. All conference participants should be submitted via conference Web site **Registration system.** The Conference web site: http://hpc.ugrid.org.

Location

- **Opening Session**

Council hall of NTUU "Igor Sikorsky Kyiv Polytechnic Institute", building **6**,
37 Peremohy ave., Kyiv
https://kpi.ua/en/location
https://kpi.ua/en/k-6

- **Keynote Session**

NTUU "Igor Sikorsky Kyiv Polytechnic Institute", Building 13,
14-v Politekhnichna str., Kyiv
https://kpi.ua/en/node/2756

Contacts

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*Please note that our contact E-mail is for questions/quotes only. Please do not submit your papers to this E-mail.