

WIGNER SCIENTIFIC COMPUTING LABORATORY GPU DAY 2023

15-16. MAY

MORE INFORMATION AND REGISTRATION:

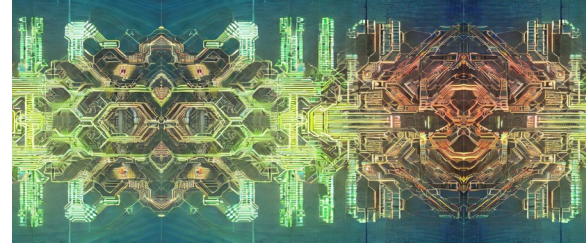
[HTTPS://GPUDAY.COM/](https://gpuday.com/)

[HTTPS://INDICO.KFKI.HU/EVENT/1482/](https://indico.kfki.hu/event/1482/)



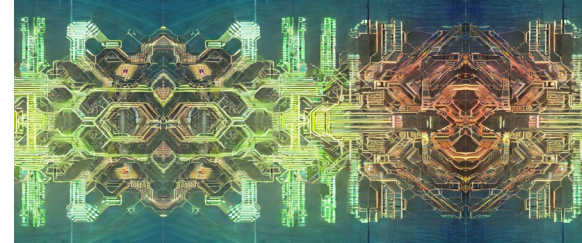
WSCLAB GPUDAY's IMPACT

- ✓ What AI is thinking on us....

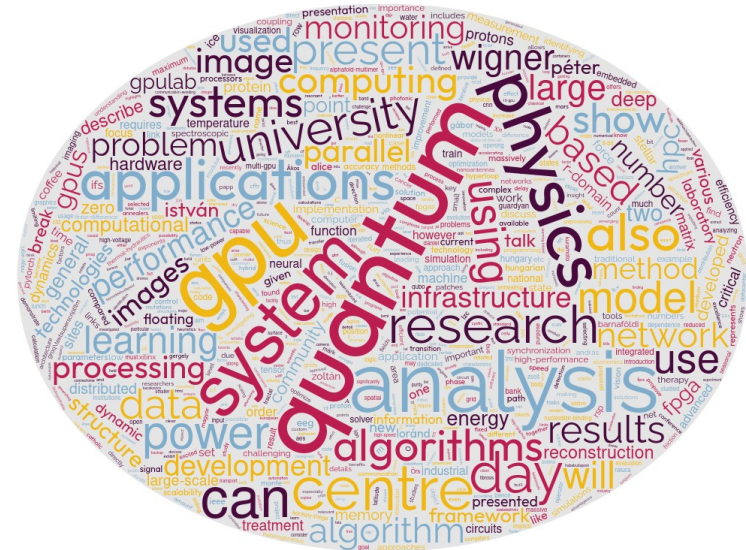


WSCLAB GPUDAY'S IMPACT

✓ **What AI is thinking on us....**



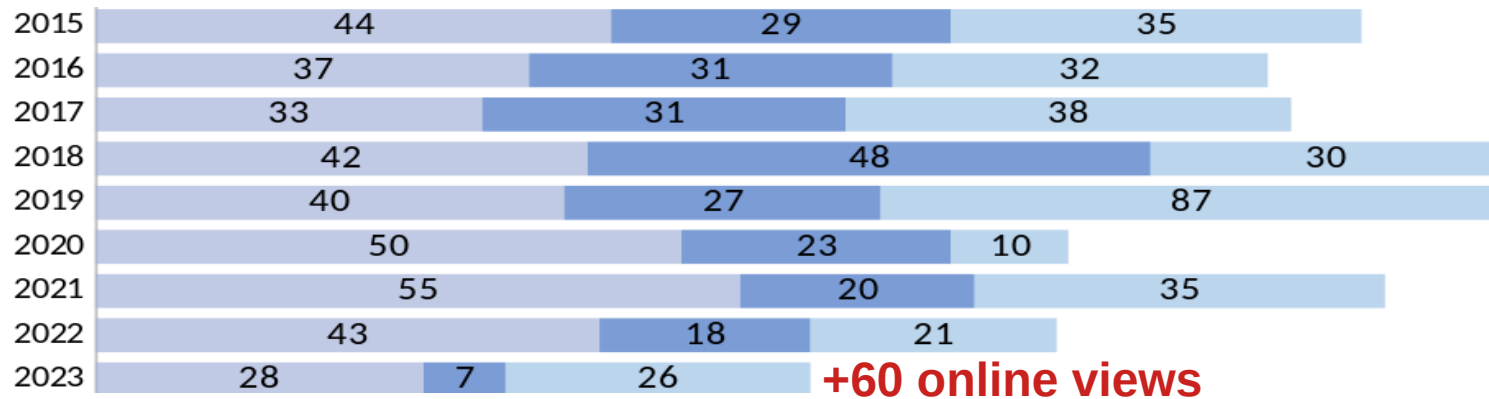
✓ In Human-readable format:



WSCLAB GPULAB 2023 in numbers

KNOWLEDGE HUB: GPU DAY.COM

- ✓ 8 Lectures on Modern Computing in Science
- ✓ 13 GPU Days



- ✓ 50 WSCLAB (Wigner GPU Lab) Fellowship (40 finished + 9 running)
- ✓ 35+ industrial & academic partners (Lombiq LTD, Ericsson, Khronos, CERN...)
- ✓ 60+ scientific publications and program codes

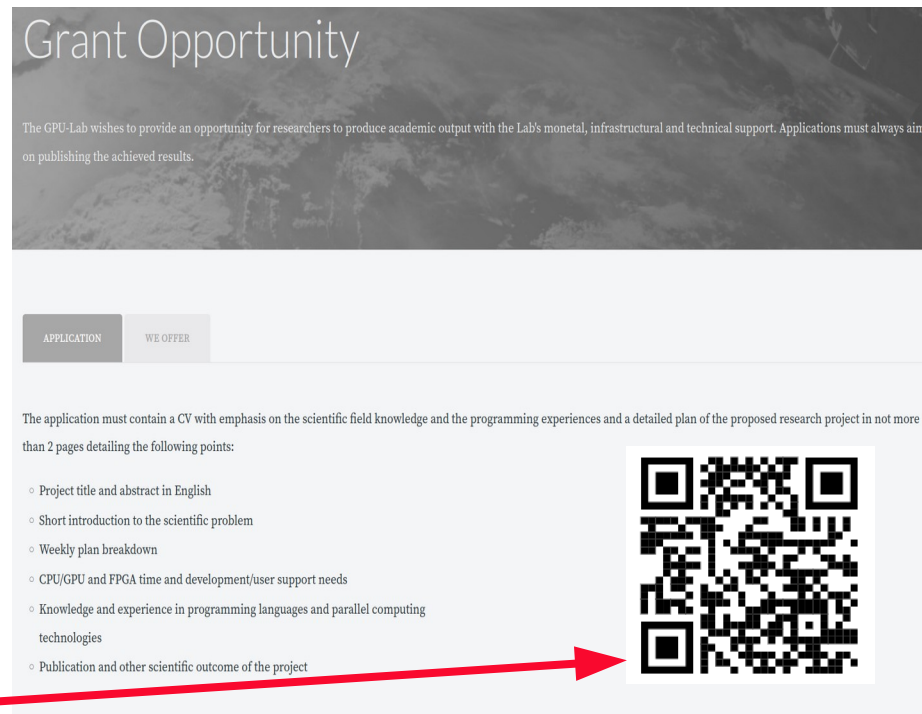
WSCLAB's FUTURE IS IN YOUR HAND

✓ What are the WSCLAB services

- Knowledge hub for scientific computing solutions
- Dedicated GPU & FPGA server hosting & services
- Tutorial series & teaching
- Advising highly-parallel computing
- PhD/PostDoc projects

✓ How to apply

- Visit wsclab.wigner.hu



The screenshot shows the 'Grant Opportunity' page of the WSCLAB. The header features the title 'Grant Opportunity' in a large, white, serif font against a dark, textured background. Below the header, a paragraph states: 'The GPU-Lab wishes to provide an opportunity for researchers to produce academic output with the Lab's monetal, infrastructural and technical support. Applications must always aim on publishing the achieved results.' Below this text are two tabs: 'APPLICATION' (which is active and highlighted in a darker grey) and 'WE OFFER' (which is inactive and highlighted in a lighter grey). Under the 'APPLICATION' tab, a paragraph reads: 'The application must contain a CV with emphasis on the scientific field knowledge and the programming experiences and a detailed plan of the proposed research project in not more than 2 pages detailing the following points:'. This is followed by a bulleted list of requirements: 'Project title and abstract in English', 'Short introduction to the scientific problem', 'Weekly plan breakdown', 'CPU/GPU and FPGA time and development/user support needs', 'Knowledge and experience in programming languages and parallel computing technologies', and 'Publication and other scientific outcome of the project'. To the right of the list is a large QR code. A red arrow originates from the URL 'wsclab.wigner.hu' in the list below and points directly to the QR code.

Grant Opportunity

The GPU-Lab wishes to provide an opportunity for researchers to produce academic output with the Lab's monetal, infrastructural and technical support. Applications must always aim on publishing the achieved results.

APPLICATION WE OFFER

The application must contain a CV with emphasis on the scientific field knowledge and the programming experiences and a detailed plan of the proposed research project in not more than 2 pages detailing the following points:

- Project title and abstract in English
- Short introduction to the scientific problem
- Weekly plan breakdown
- CPU/GPU and FPGA time and development/user support needs
- Knowledge and experience in programming languages and parallel computing technologies
- Publication and other scientific outcome of the project



LECTURES ON MODERN SCIENTIFIC PROGRAMMING



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MACHINE LEARNING, NEURAL NETWORKS, FEATURE RECOGNITION

FIELD PROGRAMMABLE GATE ARRAYS

HANDS-ON SESSIONS

QUANTUM COMPUTING SIMULATION

QUANTUM MACHINE LEARNING AND SIMULATIONS

MANY-CORE COMPUTING IN PHYSICS AND OTHER FIELDS OF SCIENCE



WSCLAB>_



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THX>_

