



**SMART
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**EURO
Greece**

HPC Training Series

Course 9

Running LLMs on HPC: Transformers, Inference & Deployment

| PRESENTATION LANGUAGE: GREEK & ENGLISH |

JANUARY 17, 2025 | 10:00 EET | ONLINE



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The National Competence Center is the single point of contact and coordination on a national level for HPC. Its missions are to analyse, implement and coordinate all necessary activities and offer services to end users to cover their needs: from access to resources and technological consultancy to the provision of training courses for academia, public administrations and industry.

EuroCC@Greece is one of the 33 HPC Competence Centres, built in the framework of the European High Performance Computing Joint Undertaking (EuroHPC JU).

Consortium

The Greek National Competence Center “EuroCC@Greece”, is run by a consortium of 5 institutions, namely

- GRNET – National Infrastructures for Research and Technology (coordinator),
- National Center for Scientific Research “Demokritos”,
- Foundation for Research and Technology – Hellas (FORTH),
- Institute of Communication and Computer Systems of NTUA
- Aristotle University of Thessaloniki.



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<https://www.youtube.com/watch?v=PCgAC5lxr4A>





Computational chemistry and HPC

[Course Material](#)

[Recordings](#)



AI for Life Sciences, vol. 1: Deep Learning for Health and Life Sciences

[Course Material](#)

[Recordings](#)



Gradient-based and gradient-free optimization, with applications to CFD and beyond

[Course Material](#)

[Recordings](#)



CFD using OpenFOAM on HPC

[Course Material](#)

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Intermediate-level Programming for HPC using Python

[Course Material](#)

[Recording](#)



LLMs on HPC Systems

[Course Material](#)

[Recording](#)



Introduction to accelerators: GPUs / CUDA

[Course Material](#)

[Recording](#)



HPC for beginners: basic concepts, MPI and OpenMP

[Course Material](#)

[Recordings](#)



Service portfolio

- *Training*
- *Consultation on access to HPC infrastructure*
- *Consultation on access to funding (fortissimo plus)*
- *Consultation on HPC, AI and HPDA technologies*

Help us understand your needs with requests at
contact@eurocc-greece.gr

- *EU AI Act*
- *AI Factories*
- *AI- optimized supercomputers (DAEDALUS)*
- *DeployAI*
- *AI on Demand*

"HPC Needs & skills" survey

Help us identify HPC related needs and skills and create a reliable Competence Map in Greece

[SURVEY](#)

Contact us at

contact@eurocc-greece.gr

Thank you!!

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