PRACE
PARTNERSHIP FOR ADVANCED COMPUTING IN EUROPE

EVENTS PORTAL

🕐 Europe/Stockholm   👤 B. Maria Elisabeth Brydsö ▾

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[ONLINE] Heterogeneous computing with performance modelling @ SNIC *4 Nov - 5 Nov*

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　Materials

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Survey

Results for "Please provide your feedback!"

13 people responded to this survey

1. Overall, how would you rate this training event?

Answered: *13*

A. 10 - excellent: 3 (23.08%)

B. 9: 6 (46.15%)

C. 8: 2 (15.38%)

D. 7: 2 (15.38%)

E. 6: 0 (0.00%)

F. 5: 0 (0.00%)

G. 4: 0 (0.00%)

H. 3: 0 (0.00%)

I. 2: 0 (0.00%)

J. 1: 0 (0.00%)

K. 0 - bad: 0 (0.00%)
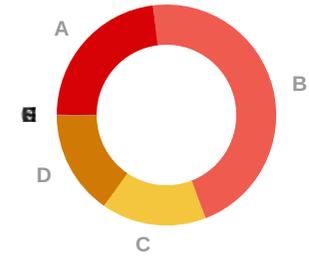
– How did you like the online format? – We switched to the online format because of COVID-19...

Very much

Two separate Zoom: webinar and Q&A session format was good. I posted questions from the chat windows, I didn't need to use the Google Sheet.

It worked well!

Overall pretty good. The switching between zoom sessions is not optimal, but not a big deal either.

It was fine. It made possible to attend the event and there was no problem due to online format.

Good that I could attend without travelling.

Good, better to use the same link for both lecture and hands-on

Like it a lot. Way easier to participate,I couldn't have come to Umea in normal circumstances

The online format was good. It allowed many more people to attend, I believe.

The online format worked very well.

The online format was OK. It would of course have been better to have had the course in person, but this is just how it is now with the restrictions imposed by COVID-19.

Prefer physical meeting but I think it worked well

2. Training event content and feedback to lecturers (e.g. topic, materials, exercises, structure): – What did you like best?

the materials and exercised are well prepared

Content was good and lecturers were helpful.

Overall very good!

Very good lecture contents. Slides well prepared and good exercises.

In a short 2-day course, the lecturer covered many concepts. It was really helpful for me as a relatively experienced CUDA programmer, helped me to see overall picture and some details.

Content was excellent and useful. Hands on exercises had good range too. The lecturers were proactive in helping us when stuck both via Zoom and the Google docs.

The course material is great

Basics on performance modeling were great

The lectures were thorough and contained a lot of information on the topic. They were really well structured and did a very good job at presenting general topics in parallel programming, GPU programming, and hardware architectures. The exercises were also well structured. I liked that for every module in the lecture there were at least two hands-on exercises.

The lectures were well prepared and clear.

I think the content was good, both in depth as well as in structure. The hands on exercises were also well planned and described. Very helpful indeed.

The exercises were very well structures and easy to get into.

Very good structure. Good material. Clear and instructive lectures

− Where should we improve?
Answered: *12*

more hands-on on the exercises

Advanced topics could include GPUDirect.

Maybe the system for asking questions could have been a bit smoother. However, this is very hard to do remotely I think.

Slides could do with a few more examples. The slides mostly showed APIs of the calls.

The lecture hours may be longer and more detailed and could include code/numeric examples.

Presentation could be a bit slower to allow the ideas to sink in. Too many windows had to be open: Several browser tabs, (gitlab repo, slides, google docs) and a terminal. Switching between Zoom sessions should be avoided if possible. Hands on exercises could be simplified to use the most basic algorithms. For example Kahan summation algorithm was new to me and such details were distracting. Some boilerplate like Makefiles could be supplied to make it easier to dive into hands-on exercises.

From a beginner's perspective, could be better to talk a bit slower and give more example during the lecture

Maybe less detail on writing stuff like sums but use more applied examples including more of the cuda libraries.

The double Zoom link arrangement was not ideal, but I guess that's the only arrangement that could work to record the lecture.

There could be a more structured support material (a PDF text document, for instance, in addition to the given presentations). During the course, it was also a bit awkward to have to keep switching from lecture to hands-on rooms as well, but that's not a big deal.

It would be nice to be able to relate the areas talked about to applications. We learned a lot of different ways of doing things, but not so much in what actual application what would be appropriate, which made things a bit harder to remember.

More examples

3. Which future training topics would you like to be provided by PRACE or the training host?

more advanced level in heterogeneous computing

Deep Learning

-

Advanced CUDA features.

OpenMP and OpenACC for GPUs

I would like the following topics to be provided by PRACE: - Training on the HIP programming model - Training on SYCL - Training on OpenMP for accelerators

More about cuda and general GPU programming. How to optimize code

4. Training event organisation (e.g. announcement, registration, changes due to COVID-19): – What did you like best? – Where should we improve?

i think the training event organisation is good enough

I couldn't use HPC2N cluster. (due to postal service, I think. My documents didn't arrive in time to SNIC.)

I think it was well organised.

It was fine. The organization was well, the staff was helpful and the lecturer replied all questions in detail.

Registration and announcements were smooth.

*Good organization via email and clear and informational messages.*

Good information letters. A bit problems with creating accounts

5. Would you recommend this training event to others?

Answered: *13*

A. yes: 13 (100.00%)

B. no: 0 (0.00%)

B ———— A
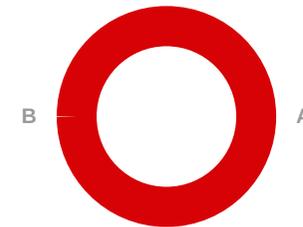
6. Subject of course for me was

Answered: *13*

A. important: 11 (84.62%)

B. minor: 2 (15.38%)

C. not relevant: 0 (0.00%)
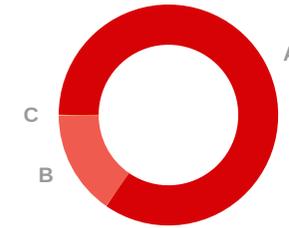
7. I was inspired to new ways of thinking

A. yes: 12 (92.31%)

B. partially: 1 (7.69%)

C. no: 0 (0.00%)

8. Length of course was

A. adequate: 11 (84.62%)

B. too short: 2 (15.38%)

C. too long: 0 (0.00%)

9. Depth of content was

A. adequate: 12 (92.31%)

B. too superficial: 0 (0.00%)

C. too profound: 1 (7.69%)

10. The pace of teaching was

A. adequate: 8 (61.54%)

B. too slow: 0 (0.00%)

C. too fast: 5 (38.46%)

## 11. Teaching aids used (e.g. slides) were well prepared

A. agree completely: 8 (61.54%)

B. agree: 5 (38.46%)

C. no strong feelings: 0 (0.00%)

D. disagree: 0 (0.00%)

E. disagree completely: 0 (0.00%)
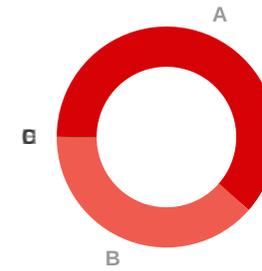
12. Hands-on exercises and demonstrations were

Answered: *13*

A. adequate: 11 (84.62%)

B. too few: 0 (0.00%)

C. too many: 2 (15.38%)