

GPU Programming with CUDA (2018) @ JSC

URL: <https://www.fz-juelich.de/SharedDocs/Termine/IAS/JSC/EN/courses/2018/patc-gpu-cuda-2018.html>

- Monday

- 09:00 - 10:30: [CUDA Introduction](#) [Jan, Andreas]
- 10:30 - 11:00: *Coffee Break*
- 11:00 - 12:30: [CUDA Programming Model](#) [Jan, Andreas]
- 12:30 - 13:30: *Lunch Break*
- 13:30 - 15:00: [CUDA Tools](#) + [Unified Memory](#) [Andreas]
- 15:00 - 15:30: *Coffee Break*
- 15:30 - 17:00: [CUDA Tools](#) + [Unified Memory](#) [Andreas]

- Tuesday

- 09:00 - 10:30: [Matrix Multiplication 1](#) [Jochen]
- 10:30 - 11:00: *Coffee Break*
- 11:00 - 12:30: [Performance Tuning](#) [Jiri]
- 12:30 - 13:30: *Lunch Break*
- 13:30 - 15:00: [Multi-Process/-Node GPU Programming](#) [Jiri]
- 15:00 - 15:30: *Coffee Break*
- 15:30 - 17:00: [Multi-Process/-Node GPU Programming](#) [Jiri]

- Wednesday

- 09:00 - 10:30: [Matrix Multiplication 2](#) [Jochen]
- 10:30 - 11:00: *Coffee Break*
- 11:00 - 12:30: [Matrix Multiplication 3](#) [Jochen]
- 12:30 - 13:30: *Lunch Break*
- 13:30 - 15:00: *CUDA Cooperative Groups* [Andreas]
- 15:00 - 15:30: *Coffee Break*
- 15:30 - 17:00: *CUDA C++ & CUB, Discussions* [Jan]