

---

# Scientific GPU Computing

The following sheet contains some practical information for participants in the PhD course. If you experience practical problems related to your visit you can address this to one of the organizers Allan P. Engsig-Karup, Hans Henrik Brandenborg Sørensen or Jeppe R. Frisvad.

## **Breakfast/Lunch/Refreshments:**

Every day during the course, a free small breakfast sponsored by DCAMM will be served during 8.30-9.00 in front of the lecture room, Building 321, room 033.

Every participant will be able to get a free lunch sponsored by ITMAN at SCION DTU, Building 373, during the hours 11.30-13.00. The SCION canteen is located just inside and to the left of the main entrance to the building.

DCAMM has sponsored refreshments from 13.00 every day. Fresh fruit is available every day at 14.30 and is sponsored by DCAMM.

## **Course schedule:**

The final course program can be found at <http://gpulab.imm.dtu.dk/PhDschoo12011/Program.html>. Any changes to the program will announced during the course and updated at this webpage.

## **Access to workstations:**

Work stations that can be used for completing exercises are equipped with Microsoft Windows and Quadro FX 5800 graphics cards. Access is from room 017 in building 305. Any user of the systems needs a login and a password which can be obtained from Allan P. Engsig-Karup.

## **Internet/Databar/Printer**

For participants outside DTU, it is possible to get access to use the Internet. A DTU login and password is required to gain access to the campus computing facilities. This can be acquired on request from Allan Engsig-Karup, Building 321, room 016.

Wireless Internet connections are available in the campus buildings and can be accessed using the acquired DTU login and password.

In the lecture room, there will be access to one of the DTU databar computing facilities using the DTU login and password. These can be used for completion of the hands-on computer exercises in the PhD course.

Printing facilities exist in Buildings 321 and 305.

## **Setting up Microsoft Visual Studio**

After you have logged in for the first time, you can start Microsoft Visual Studio from the START bottom in windows. After having defined a NEW PROJECT you will need to correct the paths to be able to include header files and link to libraries.

Additional include Directories should be specified in "All Configurations":

```
$(NVSDKCUDA_ROOT)\C\common\inc\
```

Syntaxhighlighting can be added for .cu files by TOOLS-¿OPTIONS-¿Text EDITOR-¿File EX-tensions

Add ".cu" with editor-type defined as "Microsfot Visual C++".

## **Access to Exercise sets**

All exercise sets will be available online from the webpage of the course <http://gpulab.imm.dtu.dk/PhDschoo1/>.

---

**Workplace rules**

Please remember that the teaching place is a workplace for other people.

All public buildings are non-smoking areas, so smoking is prohibited indoors.

**Last updated:** March 7, 2011.