
WORKSHOP: PROGRAMMING AND COMPUTATIONAL SKILLS IN SCIENCE PROGRAMMES

Wednesday 23 October 2019 from 12.00 to 14.00
Building 1520, room 737 (Department of Physics and Astronomy)

The Department of Physics and Astronomy and ST Learning Lab invite educators at Science and Technology to participate in a workshop on programming and computational skills in science disciplines.

Morten Hjorth-Jensen (Michigan State University and University of Oslo) visits the Department of Physics and Astronomy on 23 October. He will give a talk entitled "Integrating computational perspectives in physics (and science) courses" at an Ole Rømer Colloquium. For more information, please visit:

<http://phys.au.dk/aktuelt/nyhed/artikel/ole-roemer-colloquium-morten-hjort-jensen-tba/>

We invite everyone with interest in the topic to participate in a more interactive workshop with Morten before the talk. The workshop takes place from 12.00 to 14.00 (room 1520-737).

During the workshop, Morten will share experiences and results from implementing a focus on computational and programming skills in the physics programmes at the University of Oslo and Michigan State University. Bjørk Hammer (Department of Physics and Astronomy, AU), Jens Ledet Jensen (Department of Mathematics, AU), and Thomas Bataillon (BiRC) will share experiences and ideas from the Physics and Data Science programmes at ST. We invite participants to share and discuss local initiatives and experiences.

Please follow this link to sign up for the workshop:

<https://events.au.dk/Programmingandcomputationalskills-workshop> (deadline: 22 October at 10.00). Sandwiches and soft drinks will be served during the workshop.

Programme

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| 12.00-12.30 | Morten Hjorth-Jensen:
Experiences from working with computational skills in physics courses. |
| 12.30-13.00 | Lunch (Please make sure to sign up) |
| 13.00-13.30 | Local initiatives: <ul style="list-style-type: none">• Bjørk Hammer: Initiatives and experiences from Physics• Jens Ledet Jensen and Thomas Bataillon: Initiatives and experiences from the Data Science programme |
| 13.30-14.00 | Open discussion: Supporting students computational and programming skills in local science programmes. Integration with course content and coordination between courses and programmes. |

The Ole Rømer Colloquium starts at 15.15 in Fys. Aud. (room 1523-318)

For additional information contact Hans Otto Uldall Fynbo (Fynbo@phys.au.dk) or Rikke Hougaard (rff@stll.au.dk)