

13th CHPC Coding Summer School & 5th NITheCS Summer School on the Foundations of Theoretical and Computational Science

30 January - 10 February 2023 at a university campus near you

Further your education at the CHPC / NITheCS Summer School

The Summer School offers a basic programming course to introduce students to Linux (Ubuntu) command line and bash scripting, and the Python programming language.

This will be followed by introductions to Foundations of Theoretical and Computational Sciences, with topics such as Data Visualisation, Data Analysis, Modeling and Simulation, Stochastic Methods, Machine Learning and Software Management.

In-person tutorials and workshops will be held to put the material into practice. Students will be challenged to actively solve problems that the lectures pose and will need to learn on their own.

FORMAT

- Daily lectures and interactive tutorials
- Moodle used as the learning management environment
- PDF notes, exercises, and YouTube videos provided
- Zoom used for live streaming
- Slack used as official communication medium
- Prizes awarded to select students

WHO MAY APPLY?

All talented students registered for Honours, Masters, PhD and postdoc studies in South Africa may apply. Students from previously disadvantaged backgrounds are highly encouraged to submit their applications.

Attendance is free for all successful applicants, however, students must attend at the designated university locations.

Programming skills and basic Linux knowledge are not necessary, but will be an advantage.

IMPORTANT DATES

- Closing date for registration: Saturday, 31 December 2022
- Notification of successful candidates: by 16 January 2023
- School start and orientation: Monday, 30 January 2023
- School end: Friday, 10 February 2023

APPLY NOW

Visit <https://bit.ly/3DU0UqF>
or scan the code below.
Deadline: 31 December 2022



FOR MORE INFO

Visit <https://bit.ly/3UmdzTF>

GOT A QUESTION?

Send your questions to:

Mr Benjamin Barsch:
bbarsch@csir.co.za
or

Prof Francesco Petruccione:
petruccione@ukzn.ac.za