

NITheCS COLLOQUIUM:

## Engaging in a digital educated world with large scale-projects

Dr Christine Darve (European Spallation Source, Sweden)

Monday, 2 October 2023 | 16h00 – 17h00 SAST

**Venue:** in person\* and online

\* *Neelsie Cinema, Stellenbosch University*

--- Cheese and wine will be served at the venue ---

### ABSTRACT

Can the growing societal challenges be impacted by science? Large scale-projects and transfer of knowledge will be found near the epicenter of the solution.

In addition, the emergence of new technologies and innovative communication tools permit us to share knowledge more efficiently around the globe. As the responsibility of scientists is to understand, teach and construct a global sustainable universe, those technologies could enable a powerful network. There are a few scientific collaborations and organisations willing to transform those ideas into action.

In this presentation, we will give a personal perspective of a few of them embracing the digital transformation to educate scientists, especially in Africa, Europe, America and the Middle East, and reach a broad audience.

### BIOGRAPHY

Christine Darve has worked at the European Organization for Nuclear Research (CERN) and the Fermi National Accelerator Laboratory (Fermilab) in the US before joining the European Spallation Source (ESS) in Sweden.

Beyond Particle Accelerator design and operation, she has established several outreach and educational initiatives, e.g. she is a co-founder of the African School of Physics (ASP) and the Nordic Particle Accelerator Project (NPAP).

Currently she is the Chair of the Forum on International Physics (FIP) at the American Physical Society (APS).



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