



UNIVERSITY
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Letter of Recommendation for Daniel Kalvik

Dear CERN Accelerator School,

It is with great conviction that I write this letter of recommendation for Daniel Kalvik to receive the student grant for the 2024 CERN Accelerator School in Advanced Accelerator Physics.

I have worked with Daniel since 2022, first as the co-supervisor of his Master's project and, since August of this year, as his main PhD supervisor. His Master's thesis work in numerical simulations of the effects of radiation reaction in a multistage plasma accelerator was of high quality and high integrity, and made obvious his self-determination and inventiveness—all major factors in why he outcompeted 47 other applicants for the PhD position.

His planned PhD work will expand his expertise into experimental work at SLAC and DESY, involving use of large and complex conventional accelerators for plasma-accelerator research, as well as larger-scope plasma-accelerator simulations that incorporates additional accelerator components like plasma lenses, RF cavities, kickers etc. This means that Daniel in particular will greatly benefit from a broad and thorough introduction to the larger field of advanced acceleration, as preparation for his PhD studies.

Beyond the vocational training, Daniel will also benefit from the social aspect of a CERN Accelerator School. Building a network of peers is key to a successful PhD and a career in research, and given his sociable and agreeable personality, I'm convinced Daniel will make the most of the opportunity.

Sincerely,

A handwritten signature in black ink, reading "Carl A. Lindstrøm".

Carl A. Lindstrøm
PhD supervisor