

The Simon van der Meer Early Career Award in Novel Accelerators

The Simon van der Meer Award has been established in 2019 to recognize outstanding early career contributions (theoretical, experimental, computational or technical) in novel accelerator science.

It is sponsored by the European Network for Novel Accelerators (EuroNNAc) under the umbrella of the I.FAST program

and is awarded every two years at the European Advanced Accelerator Concepts workshop (EAAC).

We received 5 nominations from the community

and all are on excellent scientific level

all candidates deserve special attention

it was very difficult to make a choice.

And I would be more than happy to award 5 prizes.

Unfortunately there is only budget for one and so we had to make a choice.

*Still ... I only can motivate strongly those who were not the winners of this years' award,
to re-apply for the next nomination - which is already in 2023*

The Simon van der Meer Award 2021 acknowledges ...

*“...numerous outstanding experimental and theoretical contributions
to the field of beam-driven plasma accelerators including ...*

the demonstration of beam-quality preservation and efficient acceleration,

the study of advanced beam transport concepts,

and the invention of self-stabilizing multi-stage acceleration.”

The successful candidate has distinguished himself from his peers by an astounding number of original, high-impact, and scientifically impeccable contributions to the wider field of plasma-based particle accelerators

with a particular focus on beam-driven concepts and their application in future high-energy physics machines.

To cite only one as particular highlight:

He proposed a pioneering concept of a self-stabilizing staging scheme that can be considered to revolutionize high energy accelerators.

European Network for Novel Accelerators

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sponsored by the EU projects Aries / I-FAST

is awarded by the European Network for Novel Accelerators to recognize outstanding early career contributions (theoretical, experimental, computational or technical) in novel accelerator science.

This diploma certifies that the 2021 Award has been presented to

Carl Lindström

for his numerous outstanding experimental and theoretical contributions to the field of beam-driven plasma accelerators - including the demonstration of beam-quality preservation and efficient acceleration, study of advanced beam transport concepts and the invention of self-stabilizing multi-stage acceleration.

Ralph Aßmann
EuroNNAc Coordinator

Maurizio Vretenar
Aries/I-FAST Coordinator



22 September 2022

Now,

there is a very important condition ...

In order to obtain the SvdMeer award, the successful candidate must (!) give a speech at this workshop

summarising his/her contributions to the research in the field of novel acceleration techniques.