

SPIE Student Chapter Delft School of Physics

The SPIE Student Chapter Delft is organizing a School of Physics this year right after the Face2Phase conference. The sessions range from mathematical physics to applied optics. It is **not** required to be a SPIE Student Chapter member to attend the event. Lectures will be hosted at the 3ME and EEMC faculty of the TU Delft.

Attendance is **free**

Prof. dr. Carl M. Bender, Washington University
How to sum a series if it converges (part 1)

EEMC (building 36) - Lecture Hall Pi
9 November, 14.00 - 17.00

Prof. dr. Carl M. Bender, Washington University
How to sum a series if it diverges (part 2)

EEMC (building 36) - Lecture Hall Pi
10 November, 09.30 - 12.30

Prof. dr. Ari T. Friberg, University of Eastern Finland
Geometric Phase and Complementarity
in Vector-Beam Interference, 3D Polarization States,
and Plasmon Coherence Engineering

EEMC (building 36) - Lecture Hall Pi
10 November, 14.00 - 17.00

Dr. Stefan Witte, VU Amsterdam/ARCNL
Imaging with lenses (part 1)
including non-linear microscopy and coherent imaging methods

Imaging without lenses (part 2)
using coherent diffraction

Dr. Yifeng Shao, University of Utrecht/TU Delft
New paradigm for solving inverse problems:
Combining physics knowledge with AI by automatic differentiation

3ME (building 34) - Lecture Hall F, Simon Stevin
11 November, 14.00 - 15.00

3ME (building 34) - Lecture Hall F, Simon Stevin
11 November, 09.30 - 12.30

Dr. Yifeng Shao, University of Utrecht/TU Delft
Hands-on programming session with TensorFlow
and applications of automatic differentiation

3ME (building 34) - Lecture Hall F, Simon Stevin
11 November, 15.00 - 16.00

Socializing with drinks

3ME (building 34) - Lecture Hall F, Simon Stevin
11 November, 16.00



Locations
TU Delft EEMC Building 36 - Mekelweg 4, Delft
TU Delft 3ME Building 34 - Mekelweg 2, Delft
For more info go to face2phase.nl/student-workshop

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