

Announcement & Invitation

Lecture on

Foundations of Charge Particle Optics Wintersemester 2021/2022

Dr. Axel Lubk

WHERE?	REC/C213/H
WHEN?	Wednesday, 6. DS (16:40 – 18:10)
First lecture:	11th October 2021

WHO?	Master and PhD Students in Physics
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The lecture will be given in English.

Topics: electric and magnetic fields in charge particle optics, Hamiltonian equations of motion, paraxial approximation, aberrations, ray tracing, wave optics, basic CPO elements (round lens, quadrupole, sector magnetic), modern applications

