



Erasmus+



Uniwersytet
Wrocławski



Prof. Gerd Röpke

University of Rostock, Germany

Erasmus lecturer

Presents a cycle of lectures:

1) Nonequilibrium statistical physics:

- a) Derivation of the nonequilibrium statistical operator
- b) Kinetic theory and linear response theory

3 July 2017, 09:00 – 12:30, room 422

University of Wrocław, Faculty of Physics and Astronomy

2) Optical properties of plasmas:

- a) Spectral line profiles, Ionization potential depression,
Effects of dynamical structure factor
- b) Quantum master equation and transitions in Rydberg atoms

5 July 2017, 10:00 – 12:25, Sala Rzewuskiego (room 60)

University of Wrocław, Faculty of Physics and Astronomy



*Lectures will be held in the framework of 39th Max Born Symposium:
5th International Symposium on Optics & its Applications (OPTICS-2017)*

