

Schedule of the lecture Digital Protection of Power Networks

SS2026

Location: online (Zoom) - <https://pwr-edu.zoom.us/j/9155147137>

Time: Tuesday, 3:15 pm to 5:00 pm (2 x 45 mins, 1 break)

Lecturer: Prof. Dr.-Ing. habil. Waldemar Rebizant
Eric Glende

Contents:

Nr.	Datum	Thema
1	07.04.2026	Basic concepts and requirements of power system protection
2	14.04.2026	Protection and measurement transducers
3	21.04.2026	Protection criteria and functions
4	28.04.2026	Protection of HV and MV lines (fuses, overcurrent protection)
5	05.05.2026	Protection of HV and MV lines (distance protection, ground fault protection)
6	12.05.2026	Protection of power transformers, generators, motors and busbars
7	19.05.2026	Signal conditioning for digital protection (analog filters, sampling, A/D conversion)
8	26.05.2026	Digital filters (IIR, FIR)
9	02.06.2026	Signal magnitude determination
10	09.06.2026	Calculation of other protection quantities
11	16.06.2026	Decision making and logic in protection devices
12	23.06.2026	Wide-area protection schemes
13	07.07.2026	Adaptive and intelligent protection systems