

Lecture: Advanced Integrated Circuit Technology

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Seminar Topics/Questions

Seminar 1: 2021-06-29

CMOS – Definition and trends

- Trends in microelectronics
- Definition of geometric and equivalent scaling, examples for equivalent scaling
- Overall process flow: terms FEOL, BEOL, front end (FE), back end (BE)
- process modules of FEOL and BEOL
- Definitions: basic process step, process, (basic) technology