

Project **Scheduling** for Complex Systems Projects

❗ 3 Sequencing and scheduling the activities

❗ 3.1 Estimating the **duration** for each activity

❗ 3.2 Deriving the **technical constraints** between activities

❗ 3.3 Perhaps, getting rid of **loops** → DSM (Design Structure Matrix)

❗ 3.4 If needed, defining **temporal constraints** and **calendars**

❗ 3.5 Calculating earliest/latest start/finish **dates, floats**
and **critical path(s)** → PDM (Precedence Diagramming Method)

❗ 3.6 If needed, calculating (earliest) start/finish dates
considering **resource constraints** → RCPS

❗ 3.7 Analysing the resulting schedule, inserting **buffers**,
and freezing a **baseline** in view of following up progress