

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