Leader Election Problem

- In a group of processes, elect a *Leader* to undertake special tasks

  - And *let everyone know* in the group about this Leader

- What happens when a leader fails (crashes)

  - Some process detects this (using a Failure Detector!)

  - Then what?

- Focus of this lecture: Election algorithm. Its goal:

  1. Elect one leader only among the non-faulty processes

  2. All non-faulty processes agree on who is the leader