

# Some hints for discussions

- There is a need from the ensemble developers side to have **stronger communication** with model developers
- We are perturbing the model you are carefully developing and tuning, your little beloved baby!!
- It would be important to receive indications about the uncertainties in the models formulation, what should be **represented in the model perturbations** and what, instead, needs **only model improvement**
  - Is it acceptable to perturb also the tendencies coming from the dynamics?
  - Is there a good way to perturb the physics tendencies?

# Some hints for discussions

- Towards higher-resolution models means also towards **higher-resolution ensembles**
- Does this change the relative importance of the different model uncertainties?
  - E.g. perturbation of the lower boundary (still quite new) becomes more important?
- It is crucial to have dense surface data for **verification**
  - Radar composite (OPERA)
  - Raingauge data (!)