

# **COSMO GM 2011**

## **General Diskussion Part 1**

Any open questions / comments related to the presentations of today?

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## General Diskussion Part 1

### Questions/Issues

- Will the new coding standards & implementation rules slow down model development & improvement?
- Should there be also rules to organize a clean-up of the COSMO code (e.g. decisions regarding obsolete configurations, modules)?
- Is there a chance that the new rules lead to a harmonization of operational configurations run by the various member states (e.g. via 'standardization' of validation/verification procedures)

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## General Diskussion Part 1

### Questions/Issues

- How can we improve communication (across WGs, projects and NMS) and coordination in order to prevent loose (dead) ends or bottle necks?
  - e.g. some developments used by individual member states, but for some reasons not by others;
  - development work may get stuck at one time, since 'external' contributions are required outside, but resources are not available

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## General Diskussion Part 1

### Questions/Issues

- Can we introduce some physics in 'stochastic physics'?

e.g. include some uncertainty/reliability estimate depending on situation and process characteristics

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## General Diskussion Part 1

### Possible Questions/Issues

- How many configurations (namelist switches) are needed for COSMO as an operational NWP model?
- If high resolution ensemble modelling will be employed operationally by several member states in the future, how can we enhance the cooperation/coordination in this challenging and complex task