



The representation of boundary-layer turbulence in sub-km NWP

- Large sensitivity to shallow convection scheme
- The suppression of organisation suppresses the formation of shallow cumulus
- LES and doppler lidar useful for evaluation of sub-km models

HARMONIE-AROME @ Cabauw

- $\Delta x = \Delta y = 100\text{m}$
- L_{90}
- Nested in 500m HARMONIE
→ nested in UWC-West

