

Zentralanstalt für Meteorologie und Geodynamik 

## NWP activities in Austria in 2007/2008

Y. Wang

## ALADIN-Austria: operational

### **Model System:**

- ALADIN CY32 (ALARO version) since Sept. 2007
- 9.6km horizontal resolution, 60 levels in vertical
- Introduction of micro-physics.
- 4 runs at 00, 06, 12, 18UTC.
- Forecast integration up to 60h and 72h.

### **Computer System:**

- NEC SX-8R 16 CPU since Feb. 2007

## Recent and ongoing R & D and operations

- Validation of AROME-Austria
- Validation of ALARO+3MT
- Design and implementation of new ALADIN-Austria
- SMS suite for ALADIN-Austria
- Monitoring and verification
- Nowcasting INCA
- ALADIN-LAEF
- Implementation and validation of ALADIN 3D-VAR
- Study on precipitation forecast over mountain with AROME
- International projects