

Mihaela CAIAN defended with success her thesis

"Maille variable ou domaine limité : quelle solution choisir pour la prévision à échelle fine ?"

in Toulouse (and in French !) on Saturday 23rd of November 1997.

"Variable Mesh or Limited Area Model : Which Solution to Choose for the Forecast on the Fine Scale ?"

The answer can be asked directly to the author (*mihaela.caian++at++meteo.inmh.ro*) or can be found in her report (in French) or in the article "Some limits to the variable mesh solution and comparison with the nested LAM one", published in the Quarterly Journal of Royal Meteorological Society, n°539, vol.123, pp.743-766, April 1997.

From a practical point of view, the main result of this thesis is that the best strategy for dynamical local adaptation is a coupling between a moderately stretched global model and a higher resolution LAM without too big a jump between both mesh sizes.