

Séminaire Lundi 23 Avril 14h00 / Seminar Monday April 23, 2:00 PM

Conférencier/Lecturer: Youyu Lu and/et Hal Ritchie

Sujet/Subject: Ocean model development contributing to coupled atmosphere-ocean prediction

Présentation/Presentation: Anglais / English

Lieu/Room: Grande salle du premier étage CMC

RESUME / ABSTRACT

Prediction and predictability of the coupled atmosphere-ocean system are main research themes of the Canadian inter-agency program CONCEPTS and the CFCAS funded research network GOAPP. Plans have been made, and work has begun, to develop ocean and sea-ice models with data assimilation capacity for contributing to the coupled atmosphere-ocean system. This presentation is an overview discussion on the global ocean and sea-ice model configurations; initial results; potential data sets for ocean model validation, parameter tuning and data assimilation; and interesting oceanographic topics that can be studied with the coupled modelling system.