

## Timetable

ECMWF/CLIVAR Workshop on Simulation and Prediction of Intra-Seasonal Variability with Emphasis on the MJO, 3 to 6 November 2003.



### Monday 3 November 2003

09.30-09.45	Registration	
09.45-10.15	P Bougeault/ T Palmer	Welcome and introduction

#### Overview

10.15-10.45	Chidong Zhang	The structure and annual cycle of the MJO
10.50-11.20	<i>Coffee/Tea</i>	
11.20-11.50	Bin Wang	Dynamics of the intra-seasonal oscillation
11.55-12.25	Kenneth R Sperber	The Madden-Julian oscillation in general circulation models
12.30-13.45	<i>Lunch</i>	

#### Observations, Mechanisms and Theories

13.45-14.15	Michael Ghil	Intraseasonal oscillations in the mid-latitudes: observations, theory and GCM results
14.20-14.50	Dave Raymond	Structure and Propagation of a Modeled MJO
14.55-15.25	<i>Coffee/Tea</i>	
15.25-15.55	Wojtek Grabowski	MJO-like systems and moisture-convection feedback in idealized aquaplanet simulations
16.00-16.30	Mitch Moncrieff	Analytic representation of the multiscale organization of tropical convection
16.35-17.05	Glenn Shutts	The use of high resolution numerical simulations of tropical circulation to calibrate stochastic physics schemes
17.10	<i>Cocktails</i>	

### Tuesday 4 November 2003

#### Observations, Mechanisms and Theories (continued)

09.30-10.00	Adrian Tompkins and Thomas Jung	Influence of Process Interactions on MJO-like Convective Structures in the IFS Model
10.05-10.35	Jun-Ichi Yano	The cumulus parameterization problem in the context of MJO simulations
10.40-11.10	<i>Coffee/Tea</i>	
11.10-11.40	Geert Jan van Oldenburgh	On the role of the MJO in exciting El Nino
11.45-12.15	Steve Woolnough	The role of atmosphere-ocean coupling in the Madden-Julian Oscillation
12.20-13.30	<i>Lunch</i>	

#### Role in climate

13.30-14.00	Jean-Philippe Boulanger	Climate scale interactions in the tropical Indian and Pacific basins involving MJO and high-frequency wind variability
14.05-14.35	Silvio Gualdi	Simulation of the tropical intraseasonal oscillation with a coupled GCM

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14.40-15.10	Peter Inness	The MJO in global climate models
15.15-15.45	<i>Coffee/Tea</i>	
15.45-16.15	Gill Martin	Monsoon variability in different versions of the Met Office climate model
16.20-16.50	Jean-François Royer	Analysis of the variability of African Easterly Waves in simulations with ARPEGE-Climat

## Predictability

16.55-17.25	Matt Wheeler	Techniques and experiences in real-time prediction of the MJO and its associated weather: The BMRC perspective
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## Wednesday 5 November 2003

09.30-10.00	Peter Webster	Numerical simulation and prediction methods for tropical intra-seasonal variability: Extensions of empirical Bayesian concepts
10.05-10.35	Wanqui Wang	Simulation and prediction of the MJO with the NCEP global forecast model
10.40-11.10	<i>Coffee/Tea</i>	
11.10-11.40	Frederic Vitart	MJO prediction in the ECMWF monthly forecasting system
11.45-12.15	Paco Doblas-Reyes	Analysis of the tropical intra-seasonal oscillation in the DEMETER multi-model system
12.15-12.30	<b>Working Group Formation</b>	
		<ul style="list-style-type: none"><li>• Mechanisms and theories</li><li>• Modelling and predictability</li><li>• Role of the MJO in climate</li></ul>
12.30-13.45	<i>Lunch</i>	
13.45-17.30	<b>Working Group Meetings</b>	
17.30-	<i>Informal Buffet</i>	

## Thursday 6 November 2003

09.00-12.30	<b>Working Group Meetings</b>	
12.30-13.30	<i>Lunch</i>	
13.30-15.30	<b>Plenary Session</b>	