



The Abdus Salam
**International Centre
for Theoretical Physics**



Targeted Training Activity (TTA) on "*Intraseasonal Monsoon Predictability and Prediction*"
January 14 - 25, 2013

Venue: [IITM-Pune](#), India

ICTP Activity website: http://cdsagenda5.ictp.trieste.it/full_display.php?smr=0&ida=a12231

Organizers: *J. Shukla (GMU & COLA, USA), B.N. Goswami & S. Anguluri (IITM-Pune), F. Kucharski (ICTP)*

Co-sponsors and partner organizations:



- **Indian Institute for Tropical Meteorology (IITM), Ministry of Earth Sciences - Pune, India**
 - **Center for Ocean-Land-Atmosphere Interactions (COLA) - USA**
 - **the Abdus Salam International Centre for Theoretical Physics (ICTP) - Italy**
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Day	9:30:10:30	10:30-11:30	11:30-1200	12:00-13:00	13:00-14:00	14:00-15:00
Jan, 14th Monday	Inauguration of the Workshop	Prof. J.Shukla Predictability	Tea Break	Prof. Goswami MISO Basic Characteristics & Scale Selection	Lunch Break	Lab work on CLIVAR/MJO/MISO
Jan, 15th Tuesday	Prof. Raghu Murtugudde MJO in Oceans I	Dr. Rajeevan Active-Break Spells of the Indian monsoons		Dr. Fred Kucharski Intraseasonal variability at the northwestern edge of the South Asian summer monsoon and teleconnections of the tropical Atlantic to the South Asian monsoon in the CMIP3 models		
Jan, 16th Wednesday	Prof. Duane Walliser MJO as Phenomenon	Prof. Raghu Murthuggudde MJO in Oceans II		Prof. Duane Walliser Air-sea Interactions associated with MJO and Modeling of MJO		
Jan, 17th Thursday	Prof. Duane Walliser Predictability and Prediction of MJO	Ravi Shukla MISO Simulations in Model		Prof. Krishna Murthy Seasonal variation of the tropical intraseasonal oscillations in observations		
Jan, 18th Friday	D.R.Sikka Historical Prospective of MISO	Prof. Sengupta MJO/MISO in BoB		Prof. Bhat Observations related MISO/SLP Oscillations		
Jan 19-20th Sat/Sun	TTA Break					
Jan, 21st Monday	Prof. Goswami Monitoring and forecasting of MISO	Prof. Sengupta ISO in Subsurface	Tea Break	Prof. Krishna Murthy Simulation of intraseasonal variability in coupled models	Lunch Break	
Jan, 22nd Tuesday	Dr. Suryachandra Rao Change in MISO characteristics in Warming environment	Dr. Neena Joesph Predictability of MISO in warming environment		Dr. A.K. Sahai Prediction of MISO over India		
Jan, 23rd Wednesday	Prof. Mike Wallace Review of MJO/MISO	Dr. Krishnan Dynamics of Breaks		Prof. Krishnamurthy Predictability of intraseasonal variability in coupled models		
Jan, 24th Thursday	Prof. Mike Wallace MJO and Lightning Activity	Dr. Kripalani Observational aspects of MISOs		Prof. Goswami MISO and Seasonal Mean interactions		
Jan, 25th Friday	Student Presentations (10 mins for each group)					