

# *Surface-atmosphere interactions in the environmental changes context*

1<sup>st</sup> Summer School at Department of Meteorology of the Federal University of Rio de Janeiro  
Rio de Janeiro, Brazil, from 23 to 27 March 2009



The preliminary program will be held by:

- 1) Dr. Richard Rotunno - NCAR Boulder, USA  
*Lectures: Coastal meteorology and orographic effects*
- 2) Dr. Bert Holtslag - Wageningen University, Holland  
*Lectures: Advances in PBL research*
- 3) Dr. Amauri P. Oliveira - São Paulo University, Brazil  
*Lectures: Convective and marine PBL*
- 4) Dr. Augusto J. Pereira Filho - São Paulo University, Brazil  
*Lectures: Radar and tropical convection*
- 5) Dr. Otavio C. Acevedo – Santa Maria University, Brazil  
*Lectures: PBL structure over heterogeneous surface*
- 6) Dr. Saulo Freitas - CPTEC/INPE, Brazil  
*Lectures: Convective transport and clouds parametrization*

For any further information please contact us at: [summerschool2009@yahoo.com.br](mailto:summerschool2009@yahoo.com.br)

## The Organizing Committee

Edson P. Marques Filho (IGEO-UFRJ)  
José Ricardo A. França (IGEO-UFRJ)  
Hugo A. Karam (IGEO-UFRJ),  
Umberto Rizza (ISAC-CNR and UFSM)

## Institucional Suport



*The purpose of this course is to provide an intensive and comprehensive review of current knowledge of atmospheric-surface interactions and advances in the planetary boundary layer researches. It is primarily addresses for PhD and Master students, and Professional in atmospheric sciences.*

***Limited number of participants !***

**Registration fee**

- Until February 20<sup>th</sup> – US\$70,00
- From February 21<sup>th</sup> to March 20<sup>th</sup> – US\$100,00
- After March 20<sup>th</sup> – US\$130,00

***Recommended Hotels in Rio de Janeiro***

Hotel	Location	Prices			Site
<i>Debret</i>	<i>Copacabana</i>	<i>Single</i> R\$160,00	<i>Double</i> R\$190,00		<a href="http://www.debret.com/">http://www.debret.com/</a>
<i>Payssandu</i>	<i>Flamengo</i>	<i>Single</i> R\$118,00	<i>Double</i> R\$132,00		<a href="http://www.paysanduhotel.com.br/">http://www.paysanduhotel.com.br/</a>
<i>Itajubá</i>	<i>Down town</i>	<i>Single</i> R\$102,00	<i>Double</i> R\$115,00	<i>Triple</i> R\$155,00	<a href="http://www.itajubahotel.com.br/">http://www.itajubahotel.com.br/</a>

Ask for registration, payment methods and other informations can be made through the organization at: [summerschool2009@yahoo.com.br](mailto:summerschool2009@yahoo.com.br)