

## FIRST ANNOUNCEMENT

### XI BRAZILIAN WORKSHOP ON CONTINUOUS OPTIMIZATION

**Celebrating Carlos Humes Júnior's 70th birthday**

**Manaus, Amazonas, Brazil, May 22 to 27, 2016**

#### 1. BASIC INFORMATION

The XI Brazilian Workshop on Continuous Optimization will take place in Manaus, in the Amazonas state, north of Brazil, from May 22 to 27, 2016. Subjects to be discussed encompass theoretical, computational and implementation issues, in both linear and nonlinear programming, including variational inequalities, complementarity problems, nonsmooth optimization, vector optimization, generalized equations, optimization in manifolds etc.

The workshop will consist of plenary lectures, offered by invited speakers, of 45 minutes each. There will be also a limited number of **contributed talks**, of 25 minutes each. Those interested in contributing a talk should send an abstract, either by regular or electronic mail, to the addresses below, no later than **February 15, 2016**. Acceptance of the contributed talks will be informed no later than **March 17, 2016**.

The Amazonas state is big and is located in the heart of the Amazon forest. Thanks to its almost continental dimensions, the state holds a number of unique landscapes and forms the Amazon ecosystem itself. Manaus is its capital and is considered a gateway through its international airport. Although located right in the middle of the forest and being geographically isolated from the rest of the country, Manaus is a city with about 1.9 million people (more than half of the Amazonas population) and a well developed industrial center. In recent years, the city has been transformed by an impressive revitalization processes. In addition, the nature around the city is very beautiful and pristine, and many extraordinary tours are available. The following touristic places are recommended to visitors: Manaus historical center (see [www.cultura.am.gov.br](http://www.cultura.am.gov.br)); the *Ponta Negra Beach*; *Manauara Shopping*; the *Science Grove*; the *Meeting of the Waters*; the *Museum of the Seringal Vila Paradise*; the *Moon Beach*; the *Tupé Beach*; and the town of *Presidente Figueiredo*.

#### 2. REGISTRATION

Registration fees for participants will be as follows:

EARLY REGISTRATION (until **January 15, 2016**):

Foreign Participants	US\$ <b>250.00</b>
Students (Msc and PhD)	US\$ <b>75.00</b>

LATE REGISTRATION (after **January 15, 2016**):

Foreign Participants	US\$ <b>300.00</b>
Students (Msc and PhD)	US\$ <b>100.00</b>

The registration fee can will be paid on line at the site  
[www.impa.br/opencms/en/eventos/store/evento\\_1602](http://www.impa.br/opencms/en/eventos/store/evento_1602)

Moreover, participants must fill a registration form on-line at the same site.

### **3. FULL LIST OF PLENARY SPEAKERS**

The following plenarists have already agreed to attend the workshop:

Ernesto Birgin (Universidade de São Paulo)  
Roberto Cominetti (Universidad de Chile)  
Clovis Gonzaga (Universidade Federal de Santa Catarina)  
Alfredo Iusem (IMPA)  
Juan Enrique Martínez Legaz (Universidad Autónoma de Barcelona)  
Jose Mario Martínez Pérez (Universidade Estadual de Campinas)  
Renato Monteiro (Georgia Institute of Technology)  
Boris Mordukhovich (Detroit University)  
Jong-Shi Pang (University of Southern California)  
Claudia Sagastizábal (IMPA)  
Mikhail Solodov (IMPA)  
Benar Fux Svaiter (IMPA)  
Yinyu Ye (Stanford University)

### **4. ADDITIONAL ACTIVITIES**

- l) A welcome cocktail, followed by an artistic show, will be offered free of charge to all participants and spouses on Monday, **May 23**, at 6:30 PM.

- II) On Wednesday, **May 25**, there will be a full day excursion, sailing on a boat along the Negro River until to Meeting of the Waters (Negro and Solimões rivers), one of the most extraordinary phenomena of the Amazon nature. The excursion fee will be informed in forthcoming announcements.  
(see [www.amazonatravel.com.br/meeting\\_of\\_the\\_waters.html](http://www.amazonatravel.com.br/meeting_of_the_waters.html)).
- III) On Thursday, May 26, at 8:30 PM the workshop dinner will take place at a restaurant in Manaus. The dinner fee will appear in forthcoming announcements.
- IV) On Saturday, **May 28**, there will an excursion to the Presidente Figueiredo city, accessed by BR 174 highway and sited 107 km north of Manaus called as waterfalls' land. Moreover, its area holds ecological reserves, caves, grottos, small creeks and rapids. The excursion fee will be informed in forthcoming announcements.

## **5. LODGING**

Participants and spouses can stay in the hotel at the workshop place or in others hotels at Manaus. The list and fees of available hotels will be informed in forthcoming announcements.

## **6. SCIENTIFIC COMMITTEE**

Alfredo Iusem, Chair (IMPA)  
Roberto Andreani (UNICAMP)  
Ernesto Birgin (USP)  
Clovis Gonzaga (UFSC)  
Jose Mario Martínez Pérez (UNICAMP)  
Claudia Sagastizábal (IMPA)  
Mikhail Solodov (IMPA)  
Benar Fux Svaiter (IMPA)

## **7. ORGANIZING COMMITTEE**

Flávia Morgana de Oliveira Jacinto (UFAM)  
Gustavo Cunha da Silva Neto (UFAM)  
Mário Salvatierra Júnior (UFAM)  
Roberto Cristóvão Mesquita Silva (UFAM)  
Yachico Nascimento Wakiyama (UFAM)

## **8. ADDRESSES**

Additional information on the workshop will appear in forthcoming announcements and will be posted in the workshop site:

[www.impa.br/opencms/en/eventos/store/evento\\_1602](http://www.impa.br/opencms/en/eventos/store/evento_1602)

postal address:

Instituto de Matemática Pura e Aplicada,  
Estrada Dona Castorina 110, Jardim Botânico  
Rio de Janeiro, RJ, CEP 22460-320  
Brasil

e-mail address: [xibrazopt2016@gmail.com](mailto:xibrazopt2016@gmail.com)

Flávia Morgana de Oliveira Jacinto  
President of the Organizing Committee