



# IEEE Sensor Array and Multichannel Signal Processing Workshop - SAM 2016 -

July 10 – 13, 2016,  
Rio de Janeiro, Brazil  
[sam2016.cetuc.puc-rio.br](http://sam2016.cetuc.puc-rio.br)



# 9-th IEEE SAM 2016



- The IEEE **S**ensor **A**rray and **M**ultichannel Signal Processing Workshop is a high-quality meeting that attracts not only members of the IEEE Signal Processing Society, but also researchers from allied fields.
- The scope of the workshop includes basic theory, algorithms, and applications dealing with sensor arrays in various signal processing areas.
- The goals of the IEEE SAM 2016 are
  - ⇒ to bring together students, faculty members, and industry experts;
  - ⇒ to be a place for exchanging scientific and practical experiences;
  - ⇒ to discuss current developments, future plans, and directions.
- The Pontifical Catholic University of Rio de Janeiro (PUC-Rio) is proud to organize the IEEE SAM 2016 at

**PUC-Rio**  
**Gávea, Rio de Janeiro, Brazil**  
**July 10 – 13, 2016**

# Location: Rio de Janeiro

- ❑ Rio is internationally renowned for its culture and beautiful landscapes (beaches, coastline, mountains), which are included in UNESCO's World Heritage List.
- ❑ Main cultural hub and tourist destination of Brazil, with a large variety of attractions and restaurants, offering both Brazilian and international cuisine.
- ❑ Over 6 million inhabitants with complete infrastructure to host events
- ❑ Host of the **2016 Summer Olympic Games** from **August 5, 2016 – August 21, 2016**
- ❑ International airport with (direct) flights to Europe, North America, and Asia
- ❑ Weather in July:
  - ⇒ Temperature: 10° – 25° C
  - ⇒ Average rainy days: 6 days per month



# Rio International Airport and Flights



- ❑ Over 20 million passengers per annum.
- ❑ The management was recently privatized and modernization is under way.
- ❑ Over 40 international destinations in Europe, Africa, North America and Asia (direct flights).
- ❑ Flight costs (direct flights):
  - ⇒ London, Paris, Frankfurt – about US\$ 1000
  - ⇒ New York, Miami, Atlanta, Houston – about US\$ 900
  - ⇒ Lisbon, Madrid, Rome – about US\$ 900



# Neighbourhood: Gávea

- ❑ Home to PUC-Rio, Gávea is an affluent residential neighborhood located in the southern area of Rio.
- ❑ Famous for its high concentration of artists, intellectuals, and bohemian atmosphere.
- ❑ Surrounded by Tijuca National Forest, the world's largest urban forest and the Botanic Gardens.
- ❑ Over 50 restaurants.
- ❑ The closest hotels are in Leblon within 500 m – 1 km.
- ❑ Distance to the airport: about 20 km
- ❑ Trip-duration to airport:
  - ⇒ 25 minutes by standard taxi (US\$ 20)
  - ⇒ 45 minutes by bus (US\$ 7)



# Venue: PUC-Rio

- ❑ One of the top research-led universities in Brazil.
- ❑ Complete infrastructure to host events, catering, conference rooms, Internet access.
- ❑ Auditorium with 250 seats for keynote speeches.
- ❑ Exhibition hall for poster sessions.
- ❑ **Welcome reception** on Sunday, July 10, 2014 (tentative date) with cocktail party.
- ❑ Organizer of major IEEE conferences:
  - ⇒ IEEE GLOBECOM 99
  - ⇒ IEEE INFOCOM 2009
- ❑ Host of IEEE conferences in the last few years:
  - ⇒ IEEE IMOC 2013 (350 people)
  - ⇒ IEEE RE 2013 (150 people)



# Hotels and Attractions in the Area

- ❑ **Gávea** is close to the most affluent neighbourhoods such as Leblon, Ipanema, Copacabana and Jardim Botânico.
- ❑ One can walk or take short (5 -10 min) bus trips or taxi drives around the area.
- ❑ An **underground station** will be built at PUC-Rio by 2015, providing further options to attendees.
- ❑ Over 500 restaurants, many art galleries, and tourist attractions in the area.
- ❑ Hotels in **Ipanema**:
  - ⇒ Golden Tulip: US\$ 200.00
  - ⇒ Mercure Ipanema: US\$ 150.00
  - ⇒ Ipanema Beach Hostel: US\$ 50.00
- ❑ Hotels in **Leblon**:
  - ⇒ Marina Palace: US\$180.00
  - ⇒ Mercure Leblon: US\$ 160.00
  - ⇒ Leblon All Suites Deluxe Hostel: US\$ 80.00
- ❑ Hotels in **Copacabana**:
  - ⇒ Rio Othon Palace (4-star): US\$ 180.00
  - ⇒ Windsor Copa (3-star): US\$ 150.00
  - ⇒ Savoy (3-star): US\$ 140.00
  - ⇒ CabanaCopa Hostel: US\$ 30.00



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Rio de Janeiro  
Brazil



# Map of the Area



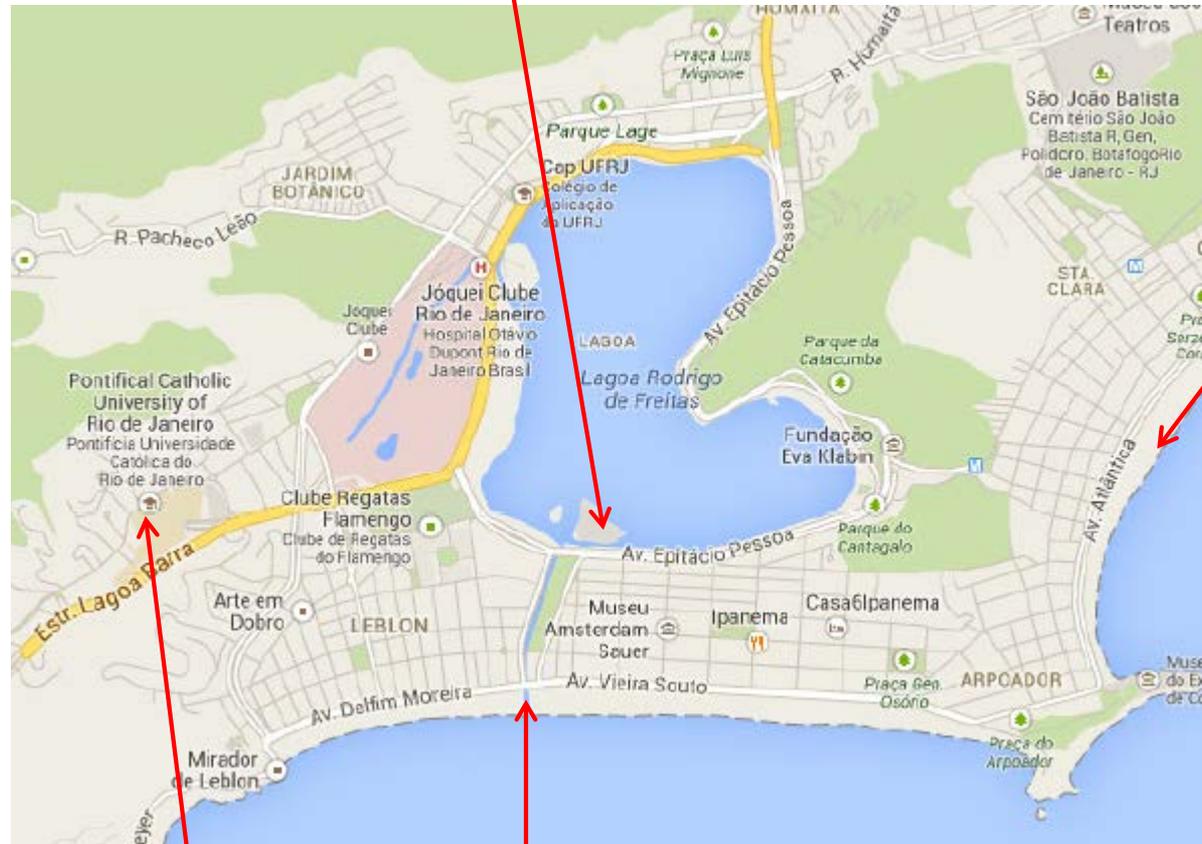
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Caiçaras Club: Banquet location

## Distances:

- ❑ PUC-Rio to Leblon: 0.5 km
- ❑ PUC-Rio to Ipanema: 1.5 km
- ❑ PUC-Rio to Copacabana: 3 km



PUC-Rio

Ipanema and Leblon beaches

Copacabana beach

# Banquet and Live Music

- ❑ Banquet at a club located on an island in a lagoon between Ipanema beach and the Corcovado mountain.
- ❑ Situated within walking distance from Ipanema and about 1.5 km from PUC-Rio.
- ❑ Complete dinner (cocktails + drinks + seated dinner) with typical Brazilian drinks including Caipirinha.
- ❑ Jazz band playing classics and bossa nova.
- ❑ Scheduled for Tuesday evening, July 12, 2016



# Sightseeing

- ❑ Tour to the Sugar Loaf mountain, one of the most visited sights in Rio, including climb on cable cars.
- ❑ Tour to the Corcovado mountain, where the statue of Christ the redeemer is situated, via train.
- ❑ Other suggested tours:
  - ⇒ Imperial Palace and National Museum of Brazil
  - ⇒ National Museum of Fine Arts



# Organising Committee



## General chairs:

**Rodrigo de Lamare**  
PUC-Rio, Brazil and  
University of York, UK

**Martin Haardt**  
TU Ilmenau, Germany

## Technical chairs:

**Aleksandar Dogandzic**  
Iowa State University, USA

**Vitor Nascimento**  
University of São Paulo, Brazil

## Special sessions chair:

**Cédric Richard**  
University of Nice, France

## Publicity chair:

**Maria Sabrina Greco**  
University of Pisa, Italy

**Conference management:**  
CETUC, PUC-Rio



# Important Dates



- ❑ Special Session Proposals:  
**January 29, 2016**
  
- ❑ Submission of Papers:  
**February 26, 2016**
  
- ❑ Notification of Acceptance:  
**April 29, 2016**
  
- ❑ Final Manuscript Submission:  
**May 16, 2016**
  
- ❑ Advance Registration:  
**May 16, 2016**

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