

IEEE SENSOR ARRAY AND MULTICHANNEL SIGNAL PROCESSING 2016 WORKSHOP



- SAM 2016 -

July 2016, Rio de Janeiro, Brazil

IEEE SAM 2016



- ❑ The IEEE Sensor Array and Multichannel 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 and future plans and directions.

- ❑ The Pontifical Catholic University of Rio de Janeiro (PUC-Rio) would be proud to organize the IEEE SAM 2016 at

PUC-Rio

Gávea, Rio de Janeiro, Brazil

1st half of July 2016 – (suggested dates: 11th-13th July but can be moved)

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 the 5th to the 21st August.
- ❑ International airport with (direct) flights to Europe, North America and Asia
- ❑ Weather in July :
 - ❑ Temperature: 10-25 C
 - ❑ Average rainy days: 6



Rio International Airport and Flights



- ❑ Over 20 million passengers per annum

- ❑ 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 and 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 500m-1km.
- ❑ 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 (tentative date: Monday 11th July) 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



Map of the Area



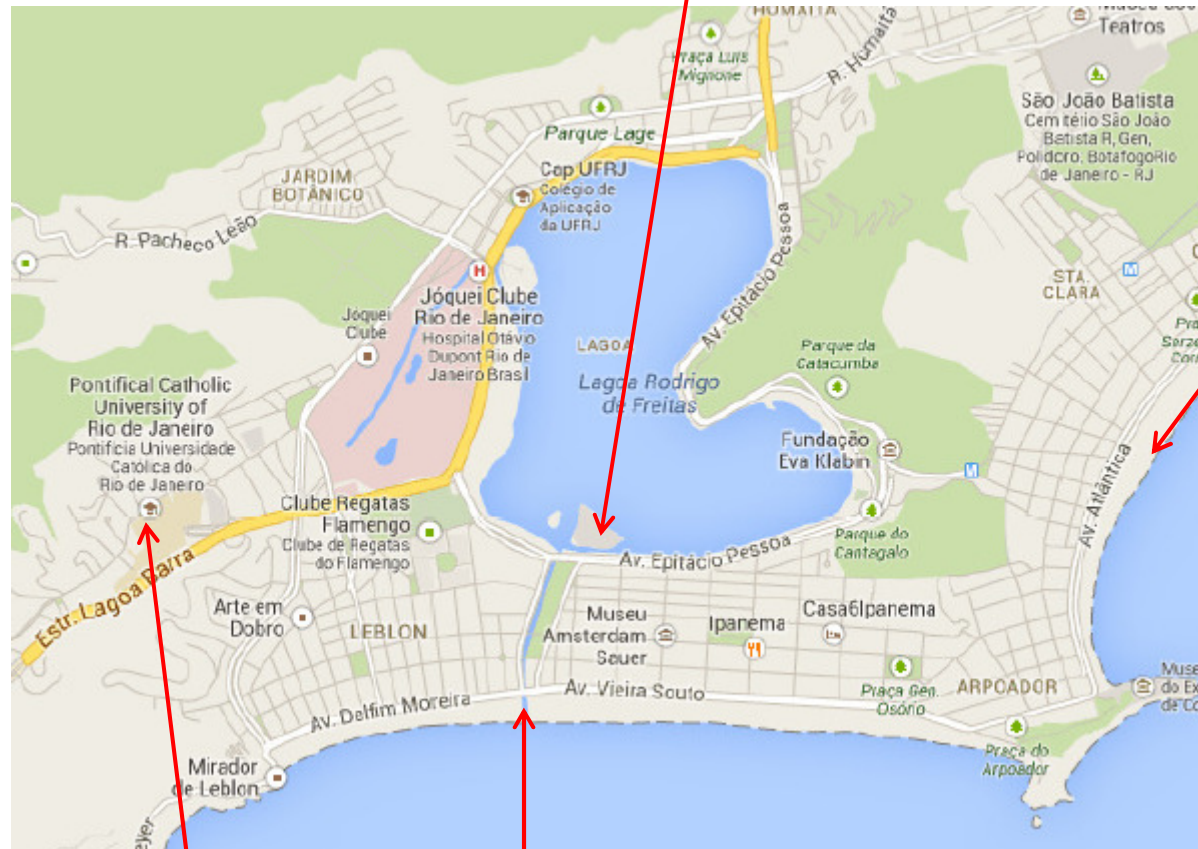
Caiçaras Club: Banquet location

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 (tentative date: 12th July 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

Budget: Income



- ❑ Suggested registration fees:

	Early Registration	Late Registration
IEEE SPS Member	US\$ 500	US\$ 650
IEEE Member	US\$ 550	US\$ 700
Non-IEEE Member	US\$ 700	US\$ 850
IEEE Student Member	US\$ 250	US\$ 350
Non-IEEE Student	US\$ 350	US\$ 450

- ❑ Each registration includes all technical sessions, banquet, cocktail dinner, coffee breaks, and one copy of the electronic proceedings.
- ❑ We expect about 250 attendees with an income of US\$ 90,000 from registration fees.
- ❑ We expect an income of **US\$ 90,000**.

Extra Income



- ❑ We expect to attract extra income from:
 - ❑ Brazilian research councils.
 - ❑ Companies.
 - ❑ Research institutes.
- ❑ Companies and research institutes:
 - ❑ Army and Navy research labs are located in Rio de Janeiro.
 - ❑ Inmetro (metrology institute with signal processing activities).
 - ❑ Petrobras (oil) and Eletrobras (energy).
 - ❑ We hope to obtain at least **US\$ 5,000**.
- ❑ Brazilian research councils: CNPq, CAPES and FAPERJ
 - ❑ support the organisation of events through proposals.
 - ❑ cover expenses with proceedings, advertising material, rental of rooms, computers and projectors, and creation of the conference webpage and travel expenses for keynote speakers.
 - ❑ We expect to obtain at least **US\$ 15,000**
- ❑ We expect an extra income of **US\$ 20,000**.

Budget: Expenses



- ❑ Expenses considering 250 attendees:

Items	Cost
Conference facilities	US\$10,000
Website, programme, registration, etc.	US\$15,000
Coffee breaks	US\$12,000
Welcome reception (cocktail)	US\$14,000
Banquet with a jazz band (US\$100 per person)	US\$25,000
Keynote speakers and miscellaneous	US\$12,000
Total	US\$88,000

- ❑ Expected surplus: about **US\$ 22,000 (20% of total income)**