



EECI 2019 in Rio

Homogeneity Based Design of Sliding Mode Controllers

by

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Facts: Rio de Janeiro State

- Population: 17 million
- Area: 43,781 km²
- GDP: 160 billion USD/year
- Industries:
 - o Oil & gas
 - o Steel
 - o Naval & offshore
 - o Energy
 - o Automobile
 - o etc.



Rio de Janeiro State: Engineering Universities

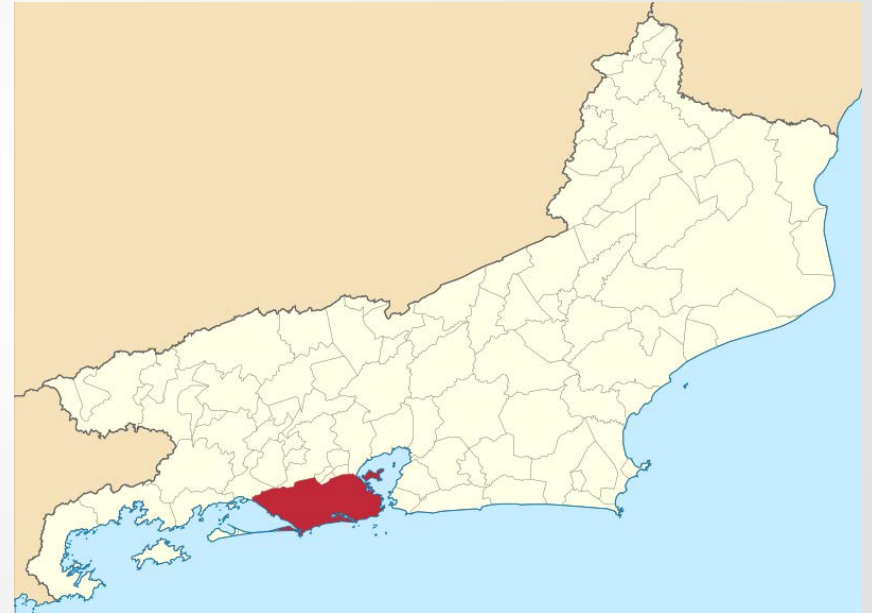
- Celso Suckow da Fonseca Federal Center for Technological Education (CEFET-RJ)
- Federal University of Rio de Janeiro (UFRJ)
- Fluminense Federal University (UFF)
- Military Institute of Engineering (IME)
- Pontifical Catholic University of Rio de Janeiro (PUC-Rio)
- State University of Norte Fluminense (UENF)
- **State University of Rio de Janeiro (UERJ)**
- + ~30 other universities & colleges

Rio de Janeiro State: Research Centers

- Alberto Luiz Coimbra Institute for Graduate Studies and Research in Engineering (COPPE/UFRJ)
- Army Research Center (CTEX)
- Brazilian Center for Physics Research (CBPF)
- Electrical Energy Research Center (Cepel)
- Leopoldo Américo Miguez de Mello Research and Development Center (CENPES/Petrobras)
- National Institute of Pure and Applied Mathematics (IMPA)
- National Laboratory for Scientific Computing (LNCC)
- National Observatory (ON)
- Navy Research Center (IPqM)
- Nuclear Energy Institute (IEN)

Facts: Rio de Janeiro City

- Capital of Brazil: 1621-1960
- Capital of the State since 1975
- Population: 6.5 million
- Area: 1,200 km²
- GDP: 82 billion USD/year
- People born in Rio:
Carioca



Tour in Rio



Sugar Loaf

Tour in Rio



Corcovado

Tour in Rio



Ipanema & Copacabana

Tour in Rio



Botanical Garden

Tour in Rio



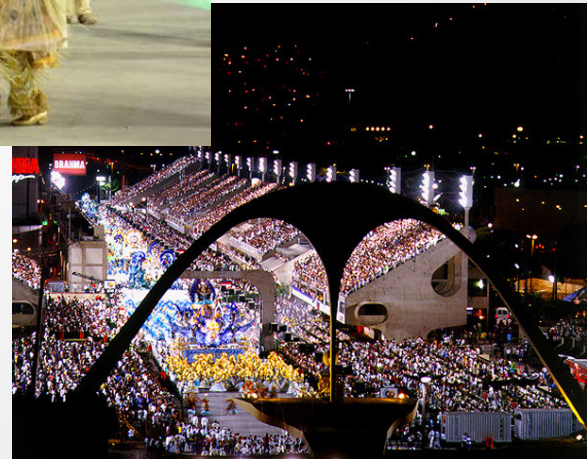
Tijuca Forest

Tour in Rio



Downtown

Tour in Rio



Carnival – February or March only, sorry!

Events in Rio

- FIFA World Cup 1950
- United Nations Eco-92
- 2007 Pan American Games
- FIFA Confederations Cup 2013
- FIFA World Cup 2014
- Games of the XXXI Olympiad – Rio 2016
- 2016 Summer Paralympics
- Rock in Rio 1985-2017 ...
- *EECI in Rio 2019*

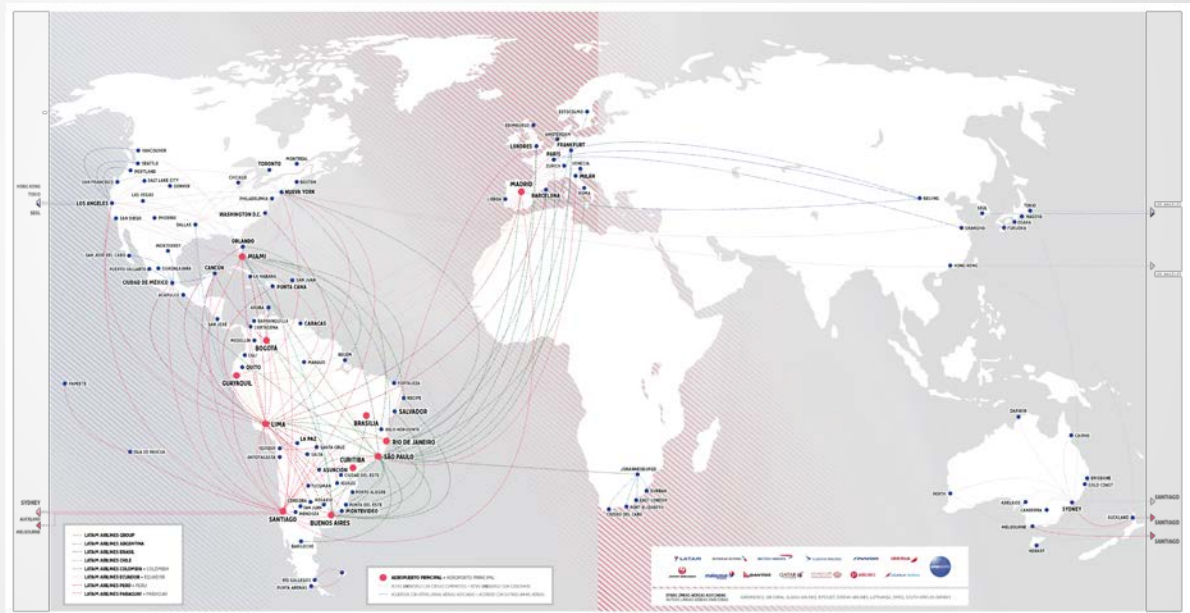


FIFA WORLD CUP
Brasil



How to Travel to Rio

- **Direct** daily flights from many European and Americas' cities
- Alternative: **São Paulo** flight connections, less than an hour from Rio

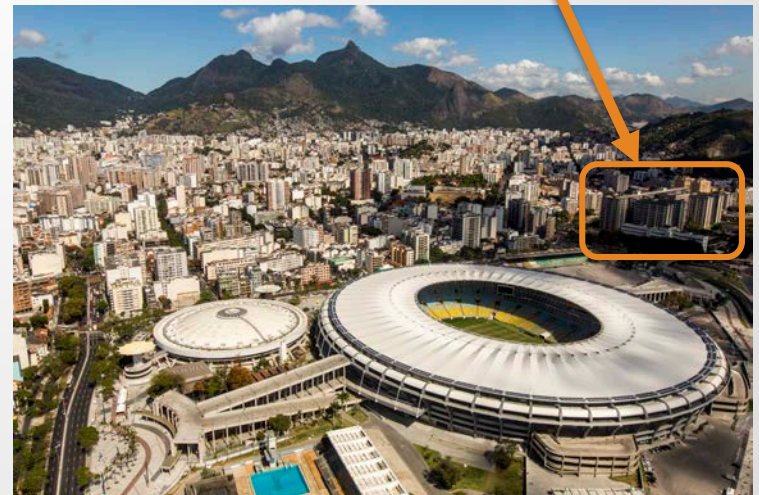


Preview: VSS/Summer School 2019

- April 8-12, 2019
- ~ 4 Invited Professors
- At the State University of Rio de Janeiro
- Joint event with



- Near Maracanã Subway Station



Suggested Hotel:

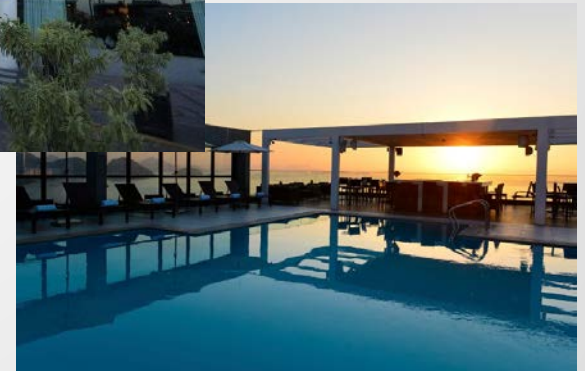
- Pestana Rio Atlantica Hotel
 - Copacabana beach
 - Near Cantagalo Subway Station



- Many other possibilities:

<http://www.rcvb.com.br/servicos/hoteis/>

<https://www.brazilian.hostelworld.com/Hostels/Rio-de-Janeiro>



See you at *EECI 2019 in Rio!*



<https://www.youtube.com/watch?v=qyGW8TG2YWs>