Thiago Mosqueiro

Postdoctoral Researcher at BioCircuits Institute (San Diego, Ca)

EDUCATION

UC SAN DIEGO
Internship (doctorate sandwich)
Learning and memory formation in insects
2014-2015 | San Diego, USA

UNIVERSITY OF SÃO PAULO
PhD in Physics
Information processing in sensory neural networks
Institute of Physics of São Carlos
2011 - 2015 | São Paulo, Brazil

MS in Physics
Mathematical physics applied to semiconductors heterostructures
Institute of Physics of São Carlos
2009 - 2011 | São Paulo, Brazil

BS in Physics
Institute of Physics of São Carlos
2005 - 2008 | São Paulo, Brazil

QUICK NUMBERS

Papers (peer-review): 7
Invited talks: 7
Conferences attended: 22
Citations (gscholar): 30
Reads (ResarchGate): 1.5k+
Papers reviewed: 7

SOCIAL NETWORKS

Github: **thmosqueiro**
LinkedIn: **thmosqueiro**
ResearchGate: **Thiago Mosqueiro**
Twitter: **@thmosqueiro**

EXTRA ACTIVITIES

Refereed for PLOS Comp Bio, Royal Soc Interface, NIPS, Neural Computation

Advisor at iGEM 2016

Judge during the **IYPT Brazil** in (2013, 2015)

Developed integrated system for scientific conferences

CONTACT

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BioCircuits Institute,   University of California San Diego
9500 Gilman Dr., Mail Code 0402 – La Jolla CA 92093-0402

EXPERIENCE

BIOCIRCUITS INSTITUTE
NIH postdoctoral appointment + CNPq fellow
Oct 2015 – present | University of California San Diego, CA
- Creating neural models of olfaction in insects
- Modeling pattern recognition in electronic noses
- Decision making in honeybee foraging for optimal hive performance
- Financial data wrangling and prediction

RADY SCHOOL OF MANAGEMENT
Lecturer
Sept 2016 – present | University of California San Diego, CA
- Teaching Collecting and analyzing financial data
- This is a graduate-level course that related Big Data ideas with Financial Data

Junior Specialist
Jan – Apr 2015 | University of California San Diego, CA
- Under supervision of Dr. Ramon Huerta

INSTITUTE OF PHYSICS OF SÃO CARLOS
Teaching assistant
2010 – 2013 | University of São Paulo, São Carlos, SP
- Worked as teaching assistant with Dr. Francisco Alcaraz, Dr. Leonardo Maia, Dr. Rodrigo Pereira, Dr. José Abel Hoyos & Dr. Luis Nunes
- **Disciplines:** Statistical Physics, Physics 102 and Computational Physics

AWARDS & GRANTS

2015	Microsoft Azure Research grant
2015	CNPq PDE fellowship
2015	Participant of Brasil-USP iGEM team (gold badge)
2014	CAPES PSDE fellowship
2014	Selected IOP paper for novelty & impact
2013	Yvone Mascarenhas award as best Teaching Assistant
2012-13	USP PAE fellow (teaching assistant)
2009	Best article award (The LateX Community)