

Ricardo Righetto
Ph.D. Student in Structural Biology
Telephone: +41 61 387 32 32
e-mail: ricardo.righetto@unibas.ch



EDUCATION

- Since Feb. 2015 CINA, Biozentrum, University of Basel, Switzerland
Ph.D. in Structural Biology
Topic: Single particle approaches to membrane protein structure determination
Supervisor: Henning Stahlberg (C-CINA)
Funding: Fellowships for Excellence International PhD Program
- Mar. 2012 – Aug. 2014 FEEC, University of Campinas, São Paulo, Brasil
Master in Electrical Engineering
Field: Computer Engineering
Topic: Classification of structural heterogeneity in cryo-EM data by cluster ensembles
Supervisor: Fernando von Zuben (FEEC)
Co-supervisor: Rodrigo Portugal (CNPEM)
Funding: CNPq Masters Fellowship
- Mar. 2006 – Dec. 2011 FEEC, University of Campinas, São Paulo, Brasil
Bachelor in Electrical Engineering
Topic: Image processing tools for SEM and TEM
Supervisor: Antonio Ramirez (CNPEM)
Funding: CNPq Scientific Initiation Fellowship

INTERNSHIPS

- Jan. – Feb. 2014 Center for Machine Perception, Czech Technical University in Prague
Topic: 2D alignment of noisy images by the expectation-maximization algorithm
Supervisor: Boris Flach