

# Rodrigo Dorantes-Gilardi

rodrigo.dorantes-gilardi@ens-lyon.fr

XXI

École normale supérieure de Lyon  
46, Allée d'Italie  
69007 Lyon  
France

Born: 24 April 1990

Nationality: Mexican

Web: <https://rodogi.github.io>

## Education

<b>2016–</b>	PhD 2nd-half. Under supervision of Claire Lesieur, <i>XXI, École normale supérieure de Lyon, France</i> “Bio-mathematical aspects of the plasticity of protein folding”
<b>2014–2016</b>	PhD 1st-half, Under supervision of Laurent Vuillon, <i>LAMA, Le Bourget-du-Lac, France.</i> “Bio-mathematical aspects of the plasticity of protein folding”
<b>2014</b>	Master thesis supervised by Gelasio Salazar, <i>Universidad Autónoma de San Luis Potosí, Mexico</i> “Implementation of an algorithm on the minimum crossing number of complete graphs”.
<b>2012–2014</b>	Master degree in applied mathematics, <i>Universidad Autónoma de San Luis Potosí, Mexico.</i>
<b>2008–2012</b>	Bachelor degree in economics, <i>Université de Toulouse Capitole, France.</i>
<b>2005–2008</b>	High School diploma, option: General Sciences, <i>Instituto Tecnológico de Estudios Superiores de Monterrey, Mexico.</i>

## Publications

<b>2017</b> (Editing phase)	R. Dorantes-Gilardi et al. <i>Protein structure performances upon mutations: It takes two to tango.</i>
<b>2017</b> (Editing phase)	R. Dorantes-Gilardi et al. <i>Perturbation of amino acid networks: A statistical study on the effects of mutations on proteins.</i>
<b>2016</b> (May)	Achoch et al. <i>Protein structural robustness to mutations: an in silico investigation.</i> Phys. Chem. Chem. Phys., <b>18</b> , 13770 (2016)

## Talks

<b>2016</b> (May)	Workshop on Mechanisms underlying local to global signals in networks IXXI, École Normale Supérieure de Lyon, France.
<b>2016</b> (March)	Workshop on Advanced mathematics for network analysis Luchon, France.
<b>2015</b> (June)	Workshop on protein fibers: from pathology to nanomaterial École Normale Supérieure de Lyon, France.
<b>2015</b> (April)	IXXI Seminar École Normale Supérieure de Lyon, France.
<b>2014</b> (December)	Theoretical Approaches for the Genome and the proteome Bourget-du-Lac, France.

## Conferences and Schools

<b>2016</b> (April)	<i>Spring school of theoretical informatics.</i> CIRM, Marseille, France.
<b>2016</b> (March)	<i>School for young researchers in mathematical informatics.</i> IMJ-PRG, Paris, France.
<b>2014</b> (Nov.)	<i>Lyon systems biology.</i> Bernoulli Center, EPFL, Switzerland.

## Organization

<b>2014</b> (December)	Theoretical Approaches for the Genome and the proteome Bourget-du-Lac, France.
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## Skills

Python	Advanced
Git	Intermediate
Linux	Intermediate
HTML, CSS	Intermediate
Bash	Intermediate
R	Basic

## Languages

Spanish	Reading, Writing, Speaking: Native language.
English	Reading, Writing, Speaking: Fluent.
French	Reading, Writing, Speaking: Fluent.