

# Leonardo Uieda

## *Curriculum Vitae*

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EDUCATION	<i>Master of Sciences degree in Geophysics</i> , February 2010 - Present Observatório Nacional, Rio de Janeiro, Brazil Dissertation topic: <i>3D inversion of gravity gradient data by planting density anomalies.</i> Advisors: <i>Dr. Valéria Cristina Ferreira Barbosa</i> Expected graduation date: <i>Feb 2012</i>  <i>International Exchange Program</i> , September 2008 - June 2009 York University, Toronto, Ontario, Canada  <i>Bachelor's degree in Geophysics</i> , recieved in January 2010 Universidade de São Paulo, São Paulo, Brazil Dissertation topic: <i>Usage of tesseroids in the modeling of gravity gradiometry data.</i> Advisors: <i>Dr. Naomi Ussami</i>
ACADEMIC ACTIVITIES	Oral presentation: <i>Computation of the gravity gradient tensor due to topographic masses using tesseroids.</i> Authors: <i>Uieda, L., Ussami, N. and Braitenberg, C.</i> Event: <i>2010 AGU Meeting of the Americas, Foz do Iguaçu, Brazil</i>  Research project (02/2008 - 12/2009): <i>Usage of tesseroids in the modeling of gravity gradiometry data.</i> Funding: <i>SBGf (Brazilian Geophysical Society)</i> Coordinating professor: <i>Dr. Naomi Ussami</i>  Poster presentation: <i>Usage of tesseroids in the modeling of gravity gradiometry data.</i> Event: <i>XII Simposio de Iniciacao Cientifica do IAG, São Paulo, Brazil</i>  Research project (07/2005 - 06/2006): <i>Paleomagnetism and magnetic mineralogy of cambrian dikes from Maravilhas and Prata.</i> Funding: <i>FAPESP (Fundacao de Amparo a Pesquisa do Estado de São Paulo)</i> Coordinating professor: <i>Dr. Manoel S. D'Agrella Filho</i>  Poster presentation: <i>Paleomagnetism and magnetic mineralogy of cambrian dikes from Maravilhas and Prata.</i> Event: <i>XI Simposio de Iniciacao Cientifica do IAG, São Paulo, Brazil</i>  Short Course: <i>Digital Seismology</i> Event: <i>10<sup>th</sup> International Congress of the Brazilian Geophysical Society, Rio de Janeiro, Brazil</i>
SOFTWARE PRODUCTION	Name: <i>Tesseroids v1.0</i> Description: <i>Direct modeling of gravitational fields in spherical coordinates using tesseroids. Can handle the gravitational acceleration and gradient tensor.</i> Website: <a href="http://code.google.com/p/tesseroids">http://code.google.com/p/tesseroids</a> License: <i>GNU General Public License v3</i>
LANGUAGE SKILLS	Fluent Portuguese (native) Fluent English - IBT TOEFL score of 115 out of 120 (received 10/2007) Basic Spanish
MISCELLANEOUS	Gender: Male Date of birth: 07/29/1986 Citizenship: Brazil