

# Ingo Leonardo Stotz Canales

**Birth date:** February 11, 1986 – **Nationality:** German, Chilean –  
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## Research Areas of Interests

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| <ul style="list-style-type: none"><li>* Geodynamics</li><li>* Numerical Modelling</li><li>* Mantle convection (Fluid dynamic models)</li></ul> | <ul style="list-style-type: none"><li>* Tectonics (Crustal models)</li><li>* Data Assimilation</li><li>* Geology</li></ul> |
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## Employment and Education

2020 – now	<b>Wissenschaftlicher Mitarbeiter, Ludwig-Maximilians-Universität München, Deutschland</b> DFG <i>Eigene Stelle</i> (STO 1271/2-1): Bewertung des Beitrags von Plattengrenzen und Mantelkonvektionskräfte in der späten känozoischen Nordamerikanischen Plattenbewegungsgeschichte mit gekoppelte globale Modellen der Mantel- und Lithosphärendynamik.
2019	<b>Post Doc, University of Copenhagen, Denmark</b>
2018	<b>Teaching assistant at the University of Copenhagen, Denmark</b>
2013 – 2017	<b>PhD, University of Copenhagen, Denmark</b> Thesis: Coupled Global Models of Mantle and Lithosphere Dynamics: Identifying the Forces Governing Pacific Plate Motions since the mid-Miocene. Supervisor: Giampiero Iaffaldano Research association with the Australian National University to collaboration with D. Rhodri Davies.
2010 – 2012	<b>MSc Geophysics, University of Concepción, Chile</b> Thesis: South American plate motion, asthenospheric flow and its implications for Andean orogeny since the late Cretaceous. Supervisor: Andres Tassara
2005 – 2009	<b>BSc Geophysics, University of Concepción, Chile</b>

## Awards

2020 – 2023	<b>DFG <i>Eigene Stelle</i> (STO 1271/2-1)</b>
2013 – 2017	<b>CONICYT Becas-Chile Scholarship</b>
2011 – 2012	<b>Scholarship given by Technische Universität München (TUM)</b>
2005 – 2012	<b>University of Concepción Sport Scholarship</b> Only 1 scholarship for Athletics is given each year University wide.

## Reviewing Activities

2019 – now	Scientific reviewer for journals: e.g., Geology, EPSL, AGU-Solid Earth and Nature Geoscience.
2021	External Reviewer, National Science Foundation (NSF).

## Organisation of Scientific Meetings

2020 – now	Session organiser at the yearly EGU meeting in Vienna (Virtual and in-Person).
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## Supervision of Students

2020 – now	Two PhD students (Berta Vilacis and Nicolas J. Hayek)
2021 – 2022	Two master students: Zhirui Wang and Josef Niedermaier, both enrolled now as PhD students.
2019 – 2020	One master student: Valentina Espinoza, now a PhD student in Copenhagen.

## Teaching Activities

2023 – now	Teaching course "Modern Interpretation of Plate Tectonics", Ludwig-Maximilians-Universität München, Deutschland.
2015 – 2018	Teaching assistant in the course "Introduction to Solid Earth Geophysics", University of Copenhagen, Denmark.
2014	Teaching assistant in the course "EARTH: The chemistry and physics of our Planet", Australian National University, Australia.
2013	Teaching assistant in the course "Physics of the Earth", Australian National University, Australia.
2011	Teaching assistant in the course "Geophysics of the Solid Earth", University of Concepción, Department of Geophysics.
2009	Teaching assistant in the course "Physics", University of Concepción, Chile.

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## References

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| ■ <b>Giampiero Iaffaldano</b><br>Professor<br>University of Copenhagen, Denmark<br>E-mail: <a href="mailto:giiia@ign.ku.dk">giiia@ign.ku.dk</a>   | ■ <b>D. Rhodri Davies</b><br>Professor<br>Australian National University, Australia<br>E-mail: <a href="mailto:rhodri.davies@anu.edu.au">rhodri.davies@anu.edu.au</a> |
| ■ <b>Hans-Peter Bunge</b><br>Chair of Geophysics<br>Ludwig-Maximilians-Universität München, Deutschland<br>E-mail: <a href="mailto:bunge@geophysik.uni-muenchen.de">bunge@geophysik.uni-muenchen.de</a> | ■ <b>Andrés Tassara</b><br>Professor<br>University of Concepción, Chile<br>E-mail: <a href="mailto:andrestassara@udec.cl">andrestassara@udec.cl</a>                   |