Gustavo Jasso

Doctor of Philosophy

✉ gjasso@math.uni-bonn.de
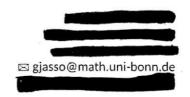
"Mathematics knows no races or geographic boundaries; for mathematics, the cultural world is one country." – D. Hilbert

■ Biographical information

Full name   Gustavo Jasso Ahuja

Nationality   Mexican

Languages

Spanish, *native language.*

English, *fluent in speaking, reading and writing.*
TOEFL iBT: 114/120 (November 2010).

German, *intermediate.*
Roughly at level B1/B2 of the CEFRL (unofficial).

■ Research interests

∘ Homological algebra, homotopical algebra, higher category theory
∘ Representation theory of finite-dimensional algebras
∘ Cluster algebras

■ Employment history

2017–Present   **Akademischer Rat auf Zeit**, *Mathematisches Institut, Rheinische Friedrich-Wilhelms-Universität Bonn*, Bonn, Germany, 01.10.2017–Present.
Investigator in <u>Research Area A2</u> Representations and symmetries in algebra and topology.

2014–2017   **Hausdorff Postdoc**, *Hausdorff Center for Mathematics, Rheinische Friedrich-Wilhelms-Universität Bonn*, Bonn, Germany, 01.10.2014–30.09.2017.
Mentor: Prof. Dr. Jan Schröer.

■ Education history

2011–2014   **Doctor of Philosophy (Mathematical Science)**, *Nagoya University*, Nagoya, Japan, 29.09.2014.
Thesis title: On τ-tilting theory and higher Auslander–Reiten theory.
Advisor: Prof. Dr. Osamu Iyama.

2009–2011   **Master of Science degree in mathematics (with honorific mention)**, *Universidad Nacional Autónoma de México (UNAM)*, Mexico City, Mexico.
Thesis title: El crecimiento de un álgebra de conglomerados de tipo tubular.
Advisors: Prof. Dr. Michael Barot (official) and Prof. Dr. Christof Geiss (unofficial second advisor).
GPA: 9.67/10.

2005–2010 **Undergraduate degree in mathematics (with honorific mention)**, *Universidad Nacional Autónoma de México (UNAM)*, Mexico City, Mexico.
Thesis title: Álgebras de Lie de tipo afín extendido y formas cuadráticas.
Advisor: Prof. Dr. Michael Barot.
GPA: 9.84/10.

Academical distinctions

2018 **International Conference on Representations of Algebras (ICRA) 2018 Award**, *ICRA 2018 Scientific and Award Committees*, Prague, Czech Republic.
Awarded at each session of ICRA for outstanding work by young mathematicians (not older than 35 years of age, except to allow for a broken career) in the field of Representations of Finite Dimensional Algebras. A second prize was awarded to Dr. Julian Külshammer.

2010 **Premio Sotero Prieto 2010**, *Sociedad Matemática Mexicana*, Tuxtla Gutiérrez, Mexico.
Awarded to the best undergraduate thesis in mathematics presented at a Mexican institution between June 2009 and May 2010 (three theses were recognized).

Service to the scientific community

Referee for the following journals

Advances in Mathematics, Algebras and Representation Theory; Applied Categorical Structures; Boletín de la Sociedad Matemática Mexicana; Bulletin of the London Mathematical Society; Communications in Algebra; Czechoslovak Mathematical Journal; Frontiers of Mathematics in China; Glasgow Mathematical Journal; Hokkaido Mathematical Journal; Homology, Homotopy and Applications; **International Mathematics Research Notices IMRN; Journal für die reine und angewandte Mathematik (Crelle's Journal)**; Journal of Pure and Applied Algebra; Nagoya Mathematical Journal.

'Quick opinions' for the following journals

Compositio Mathematica; Mathematische Zeitschrift; Proceedings of the London Mathematical Society; Transactions of the American Mathematical Society.

Organisation of scientific events

2020 **Junior Trimester Program (JHTP) on 'New trends in representation theory'**, *Hausdorff Research Institute for Mathematics (HIM)*, Bonn, Germany, 01.09.2020–18.12.2020.
Scientific advisor (jointly with Prof. Dr. Jan Schröer).

2019 **Hausdorff Summer School on Stability Conditions in Representation Theory**, *Hausdorff Center for Mathematics (HCM)*, Bonn, Germany, 16.09.2019–20.09.2019.
Organiser (jointly with Prof. Dr. Jan Schröer).
Notes: The summer school is part of the academic program of the 'Hausdorff School for Advanced Studies'.

2017 **Workshop: A_∞-structures in geometry and representation theory**, *Hausdorff Research Institute for Mathematics (HIM)*, Bonn, Germany, 04.12.2017–08.12.2017.
Organiser (jointly with Dr. Julian Külshammer).
Notes: The workshop was part of the scientific program of the 'Junior Trimester Program: Symplectic Geometry and Representation Theory.'

2017 **Spring school: Cluster Algebras in Mathematical Physics (CAMP)**, *Johannes Gutenberg-Universität Mainz*, Mainz, Germany, 27.03.2017–31.03.2017.
Member of the Scientific Committee.
Notes: The spring school was part of the graduate program of the SFB/Transregio 45.