

Gaston Giribet - Curriculum Vitæ et Studiorum

Personal Information: Name: Gaston Enrique Giribet
Date of birth: September 8th, 1973.
Place of birth: Buenos Aires, Argentina
Citizenship: Argentina

Contact Information: Prof. Gaston Giribet
Department of Physics, New York University
726 Broadway, office 1036, New York City, NY10003, USA.
E-mail: gaston.giribet@nyu.edu

Education

1994 – 1999 M.Sc. in Physics, Universidad de Buenos Aires FCEN–UBA, Argentina.
1999 – 2003 Ph.D. in Physics, Universidad de Buenos Aires FCEN–UBA, Argentina.
2019 – 2022 Ph.D. in Philosophy, Universidad Católica Argentina FFyL–UCA, Argentina.

Positions

2022 – Clinical Professor of Physics, New York University NYU, USA.
2019 – 2022 Associate Professor of Theoretical Physics, Universidad de Buenos Aires, Argentina.
2019 – 2022 Associate at the International Centre for Theoretical Physics ICTP, Italy.
2017 – 2018 Research Scientist, CCPP Physics Department, New York University, NYU, USA.
2015 – 2017 Visiting Professor, Université Libre de Bruxelles, Brussels, Belgium.
2012 – 2019 Assistant Professor of Theoretical Physics, Universidad de Buenos Aires, Argentina.
2006 – 2014 Junior Associate at the International Centre for Theoretical Physics ICTP, Italy.
2005 – 2022 Member of the National Research Council for Sciences CONICET of Argentina.
2003 – 2004 Member of the Institute for Advanced Study IAS, Princeton, USA.

Awards

2020 Ernst Mach Follow-up grant (EZA), OeAD, Agency for International Cooperation in Education.
2013 Gaviola Prize of the National Academy of Sciences ANC of Argentina in Mathematics.
2012 Bollini Prize of the National Academy of Sciences ANCEFN of Argentina in Physics.
2009 Conicet Postdoctoral Fellowship to conduct research at CCPP–NYU.
2007 Fulbright Commission Postdoctoral Fellowship to conduct research at CCPP–NYU.
2003 Antorchas Foundation Postdoctoral Fellowship to conduct research at SNS–IAS.
1999 Conicet Doctoral Fellowship to conduct graduate studies at IAFE–UBA.

See below for further information: publications, conferences, teaching, mentoring, funding history, etc.

Current faculty position

- Clinical Professor in Physics, Department of Physics, Faculty of Art and Sciences (FAS), New York University (NYU), New York City, USA. (Since September 2022). [\[+\]](#)

Previous long- and mid-term research positions, faculty and postdoctoral

- Associate Professor of Theoretical Physics, Physics Department, School of Exact and Natural Sciences at University of Buenos Aires UBA. (Full-time Professor since March 2012, on leave from 2022). [\[+\]](#)
- Member of the National Research Council for Sciences CONICET, Argentina, since 2005 (Assistant 2005 – 2007, Adjoint 2007 – 2010, Independent 2010 – 2014, Principal Investigator 2015 – 2022). [\[+\]](#)
- Senior Research Scientist at the Center for Cosmology and Particle Physics CCPP, Physics Department of New York University NYU, New York USA, (September 2017 – September 2018). [\[+\]](#)
- Visiting Research Scientist at the Fisher School of Physics, Physics Department, Brandeis University, MA USA, (September 2016 - August 2017).
- Visiting Professor, Physique Théorique et Mathématique group at Université Libre de Bruxelles & International Solvay Institutes, Brussels, Belgium (January 2015 - September 2016).
- Fulbright & Conicet Visiting Scholar at New York University, at the Center for Cosmology and Particle Physics CCPP - NYU (first term of 2007 + first term of 2009).
- Member of the Institute for Advanced Study IAS, Princeton, USA. Postdoc at the School of Natural Sciences 2003 - 2004 + Particle Physics SNS School Visitor 2005. [\[+\]](#)

Associateships

- Affiliate of the Center for Cosmology of Particle Physics, CCPP, New York University, NYU, (since September 2022).
- Affiliate of the Theoretical and Mathematical Physics group at Université Libre de Bruxelles, Belgium, (since February 2014).
- Associateship to the Abdus Salam International Centre for Theoretical Physics, ICTP, Trieste, Italy, (January 2019 - January 2024).
- Junior Associateship to the Abdus Salam International Centre for Theoretical Physics, ICTP, Italy, (March 2006 - March 2014).

Previous faculty positions offered

- Assistant professor at City Tech, at City University of New York (CUNY). The position was offered in July 2018 and accepted in July 2018; however, the Department of State of USA decided to apply the “two years” rule for non-resident aliens and I was *invited* to leave the country for a period of at least 2 years.

Some short-term visits to research institutions

- Visitor/Participant at Simons Center for Geometry and Physics, Stony Brook University, (2019).
- Visitor at the Black Hole Initiative, at Harvard University, (2017).
- Visitor at the CCPP, Physics Dept. New York University NYU, USA (2006, 2007, [...], 2013, 2014, 2016).
- Short visit to the Center for Astrophysics, Harvard University, Cambridge, Mass., USA (2014).
- Short visit at University of Massachusetts Amherst, Massachusetts USA (2016).

- Visitor at the Institute for Advanced Study IAS, Princeton, USA (2005, 2013).
- Visitor at the Massachusetts Institute of Technology MIT, USA (2004, 2009, 2011).
- Visitor at Center for Fundamental Laws of Nature, Harvard University, USA (2009, 2012, 2013).
- Visitor at Martin Fischer School of Physics, Brandeis University, Waltham, Mass., USA (2009, 2016).
- Visitor at Michigan University, Michigan, USA (2007).

Asia

- Visitor at Institute of Physics and Mathematics of the Universe IPMU, Tokyo (2009).

Europe

- Visitor at International Centre for Theoretical Physics ICTP, Italy (2007, 2009, [...], 2016, 2019, 2022).
- Short visit to Università di Roma Tor Vergata, Italy (2019).
- Visitor at Scuola Internazionale Superiore di Studi Avanzati SISSA, Italy (2005, 2024).
- Short visit to Kings College, London, UK (2017, 2019).
- Visitor at Ecole Polytechnique, Paris, France (2018).
- Short visit to Queen Mary University, London, UK (2016).
- Visitor at Université Libre de Bruxelles, Belgium (2006, 2009, 2010, 2014, 2015-2016, 2017).
- Visitor at Solvay Institutes of Belgium, (2023).
- Visitor at CEA - Saclay, Paris, France (2016).
- Visitor at Université Pierre et Marie Curie, Paris VI, France (2009).
- Short visit to Université Diderot, Paris VII, France (2013).
- Short visit to Università Degli Studi di Milano-Bicocca, Italy (2013, 2016).
- Visitor at the Wigner Institute, Budapest, Hungary (2014).
- Short visit to Humboldt Universität zu Berlin, Germany (2013).
- Short visit to Maximilian Ludwig Universität LMU, Munich, Germany (2017).
- Visitor at Erwin Schrödinger Institute ESI in Vienna, Austria (2009).
- Visitor at Technische Universität Wien, Austria (2014, 2017, 2021).
- Visitor at Bogazici University, Istanbul, Turkey (2013).
- Visitor at Universidad de Santiago de Compostela USC, Spain (2010, 2022).
- Visitor at Instituto de Astrofísica de Canarias, Spain (2022).
- Visitor at Universität de Barcelona UB, Spain (2010, 2016).
- Visitor at European Organization for Nuclear Research CERN, Geneva, Switzerland (2009).
- Visitor at Trinity College of Dublin, Ireland (2007).

Latin-America

- Visitor at Centro de Estudios Científicos CECs, Chile (2002, 2005, 2006, [...], 2014, 2019, 2022, 2023).
- Visitor at Universidad de Concepción, Chile (2019, 2024).
- Visitor at the South American Inst. for Fundamental Research SAIFR-ICTP, Sao Paulo, Brazil (2014).
- Visitor at the Instituto Balseiro, Bariloche, Argentina (2003, 2005, 2013, 2019).
- Visitor at Centro de Investigaciones y Estudios Avanzados, Cinvestav, México DF (2014).
- Visitor at Universidad Adolfo Ibáñez, Viña del Mar and Santiago, Chile (2018, 2023).
- Visitor at Instituto de Inv. Nucleares, Universidad Nacional Autónoma de México (2016, 2020).
- Visitor at Universidad Austral de Chile UACH of Chile (2001, 2012, 2013, 2014, 2017, 2018, 2022).
- Visitor at Universidad de la Frontera, Temuco, Chile (2011).
- Visitor at Pontificia Universidad Católica de Valparaíso PUCV, Chile (2005, 2006, [...] 2014, 2016).

Teaching experience

I have taught physics and mathematics at the university since March 1999 both at graduate and undergraduate levels. I mainly taught at University of Buenos Aires and New York University. The positions I've held are:

Professorships

- 2022 - Clinical Professor of Physics, New York University NYU (since 2022).
- 2019 - 2022 Associate Professor of Theoretical Physics at of University of Buenos Aires [\[+\]](#).
- 2017 - 2018 Adjunct at New York University, Department of Physics at NYU (2017 - 2018) [\[+\]](#).
- 2012 - 2019 Assistant Professor of Theoretical Physics at of University of Buenos Aires FCEN-UBA [\[+\]](#).
- 2005 - 2006 Assistant Professor of Physics at University of Buenos Aires at CBC-UBA.

Previously

- 1999 - 2003 Teaching Assistant at University of Buenos Aires.
- Along all those years I have taught the following subjects: *General Physics*, introductory courses both for undergraduate students of physics and 'service courses' for students of other disciplines (e.g. biology, med school, geology, chemistry, architecture, engineering school); along with courses on *Introductory physics, Thermodynamics, Optics, Waves, Classical mechanics, Electricity and magnetism, Classical electrodynamics, Introduction to quantum mechanics, Advanced quantum mechanics, Fluid mechanics, Statistical physics, General Relativity, Geometry, Cosmology, Particle physics, Quantum field theory I and III, String theory, Mathematical Physics*.

Mentoring

Ph.D. thesis supervised

- Cecilia Garraffo (UBA 2010), currently Director of AstroAI at the Center for Astrophysics, Harvard, USA.
- Lorena Nicolás (UBA 2010), currently Professor of Physics at UTN, Argentina.
- Yerko Vásquez (PUCV 2010), currently Professor of Physics, at University of la Serena, Chile.
- Alan Garbarz (UBA 2012), currently Member of the National Research Council for Science, Argentina.
- Juan P. Babaro (UBA 2012), currently Professor of Physics at UTN, Argentina.
- Simón del Pino (PUCV 2016).
- Andrés Goya (UBA 2016), currently Member of the National Research Council for Science, Argentina.
- Mario Galante (UBA 2018).
- Edmundo Lavia (UBA 2023), currently in the Research Division of the Argentinean Navy.
- Luciano Montecchio (in progress)
- Bryan Malpartida (in progress)
- Juan Lournagaray (in progress)
- Pedro Schmied (in progress)

M.Sc. thesis supervised

- Matías Leoni (UBA 2007)
- Alan Garbarz (UBA 2007)
- Leonardo Amarilla (UBA 2007)
- Andrea del Valle (UBA 2011)
- Andrés Goya (UBA 2011)
- Ricardo Stuardo (U. Concepción 2021)
- Luciano Montecchio (UBA 2021)
- Sasha Brenner (June 2021)
- Pedro Schmied (UBA 2021)
- Nahuel Yazbek (UBA 2022)

Postdocs mentoring

- Several postdoctoral and junior researchers supervised, at UBA, PUCV, NYU.
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Outreach, popularization of sciences

- Author of the book “*Strings and superstrings, the microscopic nature of particles and spacetime*” coauthored with J. Edlstein, edited by National Geographic & RBA (2017), published in French, Italian, and Spanish in different countries. ISBN-10: 8447383873, ISBN-13: 978-8447383870 [\[+\]](#).
- I am part of the podcast “*Coffee Break Señal y Ruido*”, one of the leading science podcasts in Spain and in the Spanish speaking world, which is also a radio show, a YouTube weekly program and a podcast present in all the main platforms [\[+\]](#). Our podcast has recently obtained the “2022 Asespod Award 2022 to the best podcast for the audience” in Spain; the “2022 iVoox Award 2022 for the best science podcast” in Spain; “2023 Asespod Award 2023 to the best podcast for the audience” in Spain; the “2023 iVoox Award 2023 for the best science podcast” in Spain.
- Since more than twenty years ago, I frequently deliver conferences aimed at popularizing sciences. I have delivered dozens of talks of outreach, and I have been invited to many tv and radio shows, and more recently podcasts. See for instance the TEDx talk I delivered in 2011 [\[+\]](#).
- Since 2005, I frequently contribute with articles in different science media, especially in Latin-American newspapers and other Spanish speaking media: I have published editorials, interviews, summaries and comments in La Tercera, FiloNews, La Prensa, Revista Noticias, CienciaNet, Telam, Página 12, El Destape, Clarín, La Nación, among many others. All these contributions aim at bringing the main, recent results in our research field to a broader public. Check my X twitter account for updates: @GastonGiribet

Research publications

- More than 130 research papers published in peer-review journals such as *Physical Review Letters*, *Physical Review D*, *Journal of High Energy Physics*, *Communication of Mathematical Physics*, *Nuclear Physics B*, *Classical and Quantum Gravity*, and others. See complete list of publications below. A complete list and bibliometric data can be found at: Google Scholar [\[+\]](#), InSpire [\[+\]](#), arXiv [\[+\]](#).

Conferences

- I have delivered seminars, conferences, and colloquia in many academic institutions, including MIT, BHI at Harvard University, New York University, IAS at Princeton, Kings College and Queen Mary in London, ICTP and SISSA in Trieste, IPMU in Tokyo, at Universities of Barcelona, Brandeis, Brussels, Madrid, Massachusetts, Milano, Padova, Paris VI and VII, Ecole Polytechnique, Saclay, Vienna, among others. See a list of invited talks, titles, dates below.

Honors received

- Prize of the National Academy of Sciences of Argentina in Physics 2012 (Carlos Bollini Prize), National Academy of Exact, Physical and Natural Sciences (ANCEFN) Argentina [\[+\]](#). This led to the Academic Recognition Diploma bestowed by the Rector of University of Buenos Aires, November 2013.
- Prize of the National Academy of Sciences of Argentina in Mathematics 2013 (Enrique Gaviola Prize; jointly with Miguel Walsh), National Academy of Sciences (ANC) Argentina [\[+\]](#). This led to Distinction for Academic Excellence bestowed by the Rector of University of Buenos Aires, November 2015.

Fellowships

- *Fulbright & Conicet Postdoctoral Fellowship*, to conduct research at the Center for Cosmology and Particle Physics of New York University NYU, New York, US, (2007).
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- *Conicet Postdoctoral Fellowship*, to conduct research at the Center for Cosmology and Particle Physics of New York University NYU, New York, US, (2009).
- *Antorchas Foundation Postdoctoral Fellowship*, to conduct research at Institute for Advanced Study IAS, Princeton, NJ, US, (2003-2004).
- *Conicet Doctoral Fellowship*, National Research Council for Sciences CONICET, to conduct doctoral research at the Instituto de Astronomía y Física del Espacio IAFE, Argentina (1999-2003).
- Fellowship for academic performance –for having obtained the 1st position at the inter-school Mathematics Olympiads Buenos Aires 1989 – Instituto Industrial L. A. Huergo (1990-1991).

Funding history I: grants for international cooperation

As PI / co-PI

- Ernst Mach Follow-up grant (EZA), OeAD, Austrian Agency for International Cooperation in Education, for the academic year 2020-2021.
- UBAInt grant for bilateral scientific cooperation between University of Buenos Aires and University of Gent, for the academic year 2020-2021.
- Research grant NSF-MINCYT 2014-2015 for Bilateral Cooperation between Argentina and USA, together with Matthew Kleban, NYU.
- Research grant FNRS-MINCYT 2013-2014 for Bilateral Cooperation between Argentina and Belgium, together with Glenn Barnich and Marc Henneaux, ULB.
- Research grant Math-AmSud 2013-2014 for Trilateral Cooperation between Argentina-Chile-France, together with Marco Farinati, Christos Charmousis, and Mokhtar Hassaine.
- Research grant BMWF-MINCYT 2013-2014 for Bilateral Cooperation between Argentina and Austria, together with Daniel Grumiller, TUW.
- Research grant NSF-CONICET 2011-2012 for Bilateral Cooperation between Argentina and USA, together with Matthew Kleban and Massimo Porrati, NYU.
- Research grant MICINN-MINCYT 2009-2010 for Bilateral Cooperation between Argentina and Spain, together with José Edelstein, USC.
- Research grant FNRS-MINCYT 2009-2010 Grant for Cooperation between Argentina and Belgium, together with Glenn Barnich and Marc Henneaux, ULB.
- Research grant JSPS-CONICET 2008 for Bilateral Cooperation between Argentina and Japan, together with Tadashi Takayanagi, IPMU.

Funding history II: research grants

Currently

- Principal Investigator of research Grant PICT-2019-00303, funded by the National Agency for Promotion of Sciences and Technology of Argentina ANPCyT.
- I am part of the working group of the research grant PIP 11220170101109C (PI: Guillermo S. Silva, UNLP) funded by CONICET, Argentina, start date: March 2019.

As PI

- Principal Investigator of Research Grant PIP-0396 (2011-2013), funded by National Research Council for Sciences and Technology of Argentina CONICET.
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- Principal Investigator of Research Grant PIP-0595/13 (2014-2017), funded by National Research Council for Sciences of Argentina CONICET.
- Principal Investigator of Research Grant PICT-34557 (2006-2007) funded by National Agency for Promotion of Sciences of Argentina ANPCyT.
- Principal Investigator of Research Grant UBACyT X861 (2006-2009), funded by University of Buenos Aires.
- Principal Investigator of Research Grant UBACyT 20020120100154BA (2013-2016), funded by University of Buenos Aires.
- Between 1999 and 2009, I participated in different PIP and PICT research projects/grants, directed by the following PI's: G. Aldazábal, C. Núñez, F. Schaposnik, M. Schwelling. I also participated in other grants, such as MATH-Sud in cooperation with Chile and France whose PI was M. Hassaine.
- I was part of the working group of the *Laboratoire International Associé* (PI: Gabriel Catren, Paris VII Diderot), cooperation research grant between Argentina and France.

Previously

Professional service, evaluation and consulting in academia

I have collaborated as evaluator, member of panels, and reviewer for the following research institutions:

- *European Research Council* (ERC) for the European Commission. Selected for adv. panel (Declined).
- *Deutscher Akademischer Austauschdienst* (DAAD), Germany.
- *Fulbright Commission*, United States, USA.
- *Fonds Wetenschappelijk Onderzoek* (FWO), Belgium.
- *Département Recherche, Université Libre de Bruxelles* (ULB), Belgium.
- *Nederlandse Organisatie voor Wetenschappelijk Onderzoek* (NWO), Netherlands.
- *Département Recherche, Université Libre de Bruxelles* (ULB), Belgium.
- *Einstein Foundation* Berlin, Germany.
- *Fondo Nacional de Desarrollo Científico y Tecnológico* (FONDECYT), Chile.
- *Consejo Nacional de Investigaciones Científicas y Técnicas* (CONICET), Argentina.
- *Ministerio de Ciencia e Innovación*, Gobierno de España (MICINN), Spain.
- *Grant Agency of Charles University*, Czech Republic.
- *FWF der wissenschaftsfonds* (Austrian science fund), Austria.
- *Schweizerischer Nationalfonds zur Förderung der wissenschaftlichen Forschung* (SNF), *Fonds national suisse de la recherche scientifique* (FNS), Switzerland.

I am Referee for the following scientific journals in Physics, Philosophy and Mathematics:

- *Physical Review Letters* (PRL)
 - *Journal of High Energy Physics* (JHEP)
 - *Journal of Cosmology and Astroparticle Physics* (JCAP)
 - *Journal of Mathematical Physics* (JMP)
 - *Physical Review D* (PRD)
 - *Classical and Quantum Gravity* (CQG)
 - *Physics Letters B* (PLB)
 - *Annalen der Physik*
 - *European Physics Journal C* (EPJC)
 - *International Journal of Modern Physics A and D*
 - *Modern Physics Letters A*
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- *Canadian Journal of Physics*
- *Chaos and Solitons*
- *Physics Scripta*, ... among many others.

Position in academic administration

- Member of the Board of the Physics Department (CoDep) FCEN at University of Buenos Aires UBA, elected for the period 2009-2011; re-elected for the period 2011-2013.
- Head of the High-Energy Physics Theory Group of the Phys. Department of the School of Natural and Exact Sciences, University of Buenos Aires, for the period 2006-2014 and 2018-2020 [\[+\]](#).
- Member of many committees at University of Buenos Aires and New York University, including undergraduate committee; diversity, equity and inclusion committee, evaluation committees for awards, among others.

Publications

Scientific papers

2023-2024

- E. Dowd, G. Giribet, *Jackiw-Teitelboim Gravity as a Noncritical String*, Phys. Rev. D **110** (2024) 8, 086015, arXiv:2407.02645.
 - L. Castiblanco, G. Giribet, G. Marin, F. Rojas, *Celestial strings: field theory, conformally soft limits, and mapping the worldsheet onto the celestial sphere*, Phys. Rev. D **110** (2024) 12, 126001, arXiv:2405.01643.
 - J. Figueroa, G. Giribet, A. Neira, J. Oliva, M. Oyarzo, *Overflying Nilpotent Horizons*, Eur. Phys. J. C **84** (2024) 11, 1215, arXiv:2404.18378.
 - C. Corral, D. Flores, G. Giribet, J. Oliva, *Self-gravitating solutions in Yang-Mills-Chern-Simons theory coupled to 3D massive gravity*, Eur. Phys. J. C **84** (2024) 9, 959, arXiv:2404.15569.
 - M. Chernicoff, G. Giribet, J. Moreno, J. Oliva, R. Rojas, C. Ramírez, *Quantum backreactions in (A)dS₃ massive gravity and logarithmic asymptotic behaviour*, Phys. Rev. D **110** (2024) 044021, arXiv:2404.10127
 - M. Chernicoff, G. Giribet, J. Moreno, J. Oliva, R. Rojas, C. Ramírez, *Higher-curvature gravity in AdS₃, holographic c-theorems and black hole microstates*, Phys. Rev. D **110** (2024) 026005, arXiv:2404.10128.
 - G. Giribet, *Remarks on celestial amplitudes and Liouville theory*, transcript of the talk delivered at the Workshop on Celestial holography, UAI, Chile, March 2024, accepted for publication, arXiv:2403.03374.
 - G. Giribet, O. Miskovic, N. Yazbek, J. Zanelli, *BPS defects in AdS₃ supergravity*, accepted for publication, arXiv:2402.00171.
 - E Dowd and G. Giribet, *Time-dependent backgrounds from marginal deformations of Minimal Strings in AdS₃*, Phys. Rev. D **109** (2024) 6, 066015, arXiv:2401.00564.
 - L. Donnay, G. Giribet, H. González, A. Puhm, F. Rojas, *Celestial open strings at one-loop*, JHEP **10** (2023) 047, arXiv:2307.03551.
 - M. Leston, A. Goya, G. Pérez-Nadal, M. Passaglia, G. Giribet, *3D Quantum Gravity Partition Function at 3 Loops*, Phys. Rev. Lett. **131** (2023) 18, arXiv:2307.03830.
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- G. Giribet, E. Rubin de Celis, P. Schmied, *Sub-annular structure in black hole image from gravitational refraction*, Gen. Rel. Grav. **56** (2024) 106, arXiv:2311.06388
- G. Giribet, J. Lournagaray, B. Malpartida, J. Oliva, O. Santillán, *Field response in the near-horizon limit of near-extremal 5-dimensional black holes*, Phys. Rev. D **108** (2023) 12, 124078, arXiv:2310.07559
- G. Giribet, J. Lournagaray and P. Schmied, *Probing the near horizon geometry of black rings*, Phys. Rev. D **108** (2023) 2, 024061, arXiv: 2304.14461.
- G. Giribet, N. Labranche and J. La Madrid, *Comments on the two-point string amplitudes*, Phys. Rev. D **107** (2023) 106021, arXiv:2303.15658.
- G. Giribet, J. La Madrid, L. Montecchio, E. Rubín de Celis and P. Schmied, *Zooming in on the horizon when in its Meissner state*, JHEP **05** (2023) 207, arXiv:2302.14140.
- M. Chernicoff, G. Giribet, J. Oliva and M. Oyarzo, *α' -corrected black holes in four and higher dimensions*, Phys. Rev. D **107** (2023) 084014, arXiv:2207.13214.
- G. Caselli, G. Giribet, A. Goya, *Critical points in WAdS/CFT and higher-curvature gravity*, Phys. Rev. D **102** (2022) 126026, arXiv: arXiv:2209.01287.
- G. Giribet and M. Leoni, *2D quantum gravity partition function on the fluctuating sphere*, JHEP **09** (2022) 126, arXiv:2206.05546.
- M. Chernicoff, G. Giribet and E. Rubín de Celis, *Extremal Surfaces and Thin-shell Wormholes*, Phys. Rev. D **106** (2022) 086012, arXiv:2207.00072
- C. Corral, D. Flores, G. Giribet and J. Oliva, *Higher-curvature generalization of Eguchi-Hanson spaces*, Phys. Rev. D **106** (2022) 08405, arXiv:2207.04014
- G. Giribet and L. Montecchio, *Coloured black holes and Kac-Moody algebra*, Phys. Rev. D **105** (2022) 064006, arXiv:2111.08178.
- G. Giribet, *String correlators in AdS₃ from FZZ duality*, JHEP **12** (2021) 021, arXiv:2110.04197.
- C. Corral, G. Giribet, R. Olea, *Self-dual Gravitational Instantons in Conformal Gravity: Conserved Charges and Thermodynamics*, Phys. Rev. D **104** (2021) 064026, arXiv:2105.10574.
- L. Andrianopoli, G. Giribet, D. López Díaz, O. Miskovic, *Black holes with topological charges in Chern-Simons AdS₅ supergravity*, JHEP **11** (2021) 123, arXiv:2106.01876.
- G. Giribet and E. Lavia, *The mass of a Lifshitz black hole*, Eur. Phys. J. C **81** (2021) 9, 835, arXiv: 2105.11170.
- G. Giribet, J. Oliva, R. Stuardo, *Comments on single trace $T\bar{T}$ and other current-current deformations*, Phys. Rev. D **103** (2021) 126010, arXiv:2101.08867.
- A. Anabalón, S. Brenner, G. Giribet, L. Montecchio, *A closer glance at black hole pair creation*, Phys. Rev. D **104** (2021) 2, 024044, arXiv:2103.05782.
- S. Brenner, G. Giribet, L. Montecchio, *The symmetries of magnetized horizons*, Phys. Rev. D **103** (2021) 12, arXiv:2103.06983.
- L. Ciambelli, C. Corral, G. Giribet, J. Figueroa, R. Olea, *Topological terms and the Misner string entropy*, Phys. Rev. D **103** (2021) 024052, arXiv:2011.11044.

- L. Donnay, G. Giribet, F. Rosso, *Quantum BMS transformations in conformally flat spacetimes and holography*, JHEP **20** (2020) 102, arXiv:2008.05483.
- L. Donnay, G. Giribet, J. Oliva, *Horizon symmetries and hairy black holes in AdS*, JHEP **09** (2020) 120, arXiv:2007.08422.
- M. Chernicoff, E. García, G. Giribet, E. Rubín de Celis, *Thin-shell wormholes in AdS₅ and string dioptics*, JHEP **09** (2020) 120, arXiv:2006.07428.
- M. Chernicoff, G. Giribet, J. Oliva and R. Stuardo, *Quasinormal modes and black hole hairs in AdS*, Phys. Rev. D **102** (2020) 084017, arXiv:2005.04084.
- A. Cisterna, G. Giribet, J. Oliva and K. Pallikaris, *On quasi-topological electromagnetism and black holes*, Phys. Rev. D **101** (2020) 124041, arXiv:2004.05474.
- G. Giribet and M. Leoni, *Current-current deformation, conformal integrals and correlation functions*, JHEP **04** (2020) 194, arXiv:2003.02864.
- G. Giribet, *On string theory on AdS₃ x M₇ in the tensionless limit*, invited contribution, Int. J. Mod. Phys. D **29** (2020) 06, 2030005, arXiv:2003.02868.
- G. Giribet, O. Miskovic, R. Olea and D. Rivera-Betancour, *Topological invariants and the definition of energy in quadratic gravity theory*, Phys. Rev. D **101** (2020) 064046, arXiv:2001.09459.
- G. Giribet, A. Goya, E. Lavia, J. Oliva, *Critical points of the exotic massive 3D gravity*, Phys. Lett. B **808** (2020) 135618 arXiv:1910.1361.
- G. Giribet, *A note on spectral flow operator*, Phys. Rev. D **100** (2019) 12, 126007, arXiv:1907.04439.
- G. Giribet, *Santaló and classical field theory*, Eur. Phys. J. H **44** (2019) 381, arXiv:1908.02881.
- G. Giribet, E. Rubín de Celis, C. Simeone, *Higher-curvature wormhole*, arXiv:1906.02407; published in Phys. Rev. D **100** (2019) 044011 with the title *Traversable wormholes in 5-d Lovelock theory*.
- L. Donnay and G. Giribet, *Cosmological horizons, Noether charges and entropy*, Class. and Quant. Gravity **36** (2019) 165005, arXiv:1903.09271.
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- *Single trace $TT\bar{t}$ -deformations and AdS/CFT*, Università di Roma Tor Vergata, Italy, February 2019.
- *Single trace $TT\bar{t}$ -deformations and AdS/CFT*, Kings Colle of London, London, UK, February 2019.
- *Ultraviolet deformation of AdS_3/CFT_2* , Centro de Estudios Científicos CECs, Valdivia, Chile, March 2019.
- *$TT\bar{t}$ type deformation, AdS/CFT and correlation functions*, Ecole Polytechnique, CNRS, Paris, France, September 2018.
- *Loose strings in Anti-de Sitter space*, Brown bag talk (informal internal seminar) at the Center for Cosmology and Particle Physics, New York University, February 2018.
- *$TT\bar{t}$ type deformation, AdS/CFT and correlation functions*, CCNY at the City University of New York, CUNY, New York, USA, November 2017.
- *String amplitudes on the black hole background and the GFZZ duality*, at Columbia University, New York, October 2017.
- *Stringy horizon and duality*, at the Black Hole Initiative (BHI), Harvard University, USA, March 2017.
- *Three lectures on Alday-Gaiotto-Tachikawa conjecture*, Universidad Nacional Autónoma de México UNAM, México, November 2016.
- *Stringy horizons*, Center for Cosmology and Particle Physics CAPP, New York University NYU, November 2016.

- *The infinite-dimensional symmetries of the black hole horizon*, University of Massachusetts in Amherst, October 2016.
- *Stringy horizons*, Fisher School of Physics, Brandeis University, Massachusetts, September 2016.
- *Supertanslation symmetry at the black hole horizon*, Queen Mary University of London, London, UK, June 2016.
- *Infinite-dimensional symmetry and BMS supertranslations at the black hole horizon*, Università degli Studi di Milano-Bicocca, Milan, Italy, May 2016.
- *Infinite-dimensional symmetry and BMS supertranslations at the black hole horizon*, Universitat de Barcelona, Spain, May 2016.
- *Infinite-dimensional symmetry and BMS supertranslations at the black hole horizon*, Pontificia Universidad Católica de Valparaíso, Valparaíso, Chile, June 2016.
- *One-loop string amplitudes in Anti-de Sitter space*, SACLAY, Paris, France, February 2016.
- *One-loop string amplitudes in AdS₃: beyond the bootstrap approach*, University of Amsterdam UvA Amsterdam, June 2015.
- *Phase transition of five-dimensional Anti-de Sitter black holes*, Université Libre de Bruxelles, Brussels, Belgium, February 2015.
- *Recent results of Wilson loops in ABJM theory at two loops: framing factors and transcendentality*, Université Libre de Bruxelles, Brussels, Belgium, January 2015.
- *String scattering amplitudes in AdS₃ from Liouville field theory: beyond the bootstrap scope*, seminar delivered at South American Centre for Fundamental Research ICTP-SAIFR, Brazil, October 2014.
- *Holographic renormalization in Warped Anti-de Sitter space and black holes*, seminar delivered at Centro de Estudios Científicos CECs, Valdivia, Chile, October 2014.
- *String theory in AdS₃ from Liouville theory*, seminar delivered at Centro de Estudios Científicos CECs, Valdivia, Chile, October 2014.
- *Yang-Mills theory and Riemann surfaces*, talk delivered in the occasion of the Enrique Gaviola Prize in Mathematics 2014, National Academy of Sciences, Córdoba, Argentina, September 2014.
- *Aspects of Alday-Gaiotto-Tachikawa conjecture*, seminar at Vienna Technical University, Vienna, Austria, April 2014.
- *Introduction to black hole information paradox*, talk delivered at the Eötvös University, Budapest, Hungary, April 2014.
- *An introduction to 2D/4D correspondence: from Liouville theory to N=2 super Yang-Mills*, seminar at Centro de Estudios Científicos CECs, Valdivia, Chile, January 2014.
- *dS/CFT with a partially massless graviton*, seminar at Centro de Estudios Científicos CECs, Valdivia, Chile, January 2014.
- *Wilson loops in (supersymmetric) Chern-Simons theory at two loops*, seminar at Centro de Estudios Científicos CECs, Valdivia, Chile, January 2014.

2014-2015

2011-2013

- *Gravity and gauge theories from dimensionally extended topological invariants*, talk delivered at Université Diderot, Paris 7, France, November 2013.
- *Wilson loops in Chern-Simons and ABJM theories at two-loops*, at International Centre for Theoretical Physics ICTP, Trieste, Italy, July 2013.
- *SO(8) symmetry and triality in N=2 SYM and the 4d/2d correspondence*, at Columbia University, New York, October 2012.
- *Flavor symmetry of N=2 SYM and the 4d/2d correspondence*, at Abdus Salam International Centre for Theoretical Physics ICTP, Trieste, Italy, July 2012.
- *SO(8) symmetry and triality in N=2 SYM and the 4d/2d correspondence*, seminar delivered at Columbia University, New York, October 2012.
- *Flavor symmetry of SYM and the 2D/4D correspondence*, High Energy Physics Seminar at Abdus Salam International Centre for Theoretical Physics ICTP, Trieste, Italy; July 2012.
- *On global symmetries of N=2 theory with flavors*, HEP seminar delivered at the Center for Cosmology and Particle Physics of New York University, NYU, New York; October 2011.
- *Lectures on the Alday-Gaiotto-Tachikawa conjecture*, seminar delivered at Universidad de Santiago de Compostela, Spain; November 2010.
- *On the Alday-Gaiotto-Tachikawa conjecture*, seminar delivered at Université Libre de Bruxelles; November 2010.
- *Recent progress in three-dimensional gravity*, seminar delivered at Universidad de Santiago de Compostela, Spain; November 2010.
- *Liouville theory, gauge theory and strings*, seminar delivered at Universität de Barcelona, Spain; February 2010.
- *AdS₃/CFT₂ correspondence beyond the supergravity approximation*, High-Energy Group Seminar, Center for Cosmology and Particle Physics CCPP New York University NYU, New York; September 2009.
- *The Black Holes of New Massive Gravity*, seminar delivered at the Physics Department of Brandeis University, Boston; September 2009.
- *Three-dimensional massive gravity*, group seminar at the Service de Physique Théorique et Mathématique, Université Libre de Bruxelles, Belgium; May 2009.
- *Three-dimensional chiral gravity*, High Energy Physics Seminar at Abdus Salam International Centre for Theoretical Physics ICTP, Trieste, Italy; May 2009.
- *Three-dimensional massive gravity*, seminar delivered at the Institute of Physics and Mathematics of the Universe, Kashiwa Campus, Tokyo, Japan; June 2009.
- *Topologically Massive Gravity and Logarithmic Conformal Field Theory*, Seminar at the LPTHE, Université Pierre et Marie Curie-Paris 6; Paris, France; May 2009.
- *Duality between conformal field theories*, seminar delivered at the Physics Department of Brandeis University, Boston; November 2008.
- *Topologically massive gravity and chiral gravity*, Seminar at the Centro de Estudios Científicos CECS, Valdivia, Chile; July 2008.

2009-2010

2006-2008

- *A new dual model for the 2D black hole*, Mathematics Department of the Trinity College of Dublin, Ireland; May 2007.
- *Sine-Liouville theory and a dual model for the 2D black hole*, Seminar delivered at Istituto Nazionale di Fisica Nucleare Sezione di Padova, University of Padova, Italy; April 2007.
- *A dual model for the string theory in the 2D black hole*, Seminar at Abdus Salam International Centre for Theoretical Physics ICTP, Trieste, Italy; April 2007.
- *String theory in AdS₃*, Group Seminar at Physics Department, University of Michigan, Ann Arbor, Michigan; November 2007.
- *On a relation between logarithmic operators and degenerate representations of Virasoro algebra*, Group Seminar at Université Libre de Bruxelles, Belgium; June 2006.
- *Perturbed 2D Quantum Gravity and Strings in Curved Space*, seminar delivered at Katholieke Universiteit Leuven, Instituut voor Theoretische Fysica, Leuven, Belgium; April 2006.
- *Black holes and vacuum bubbles in higher order theories of gravity*, HEPT Group Seminar at Center for Cosmology and Particle Physics of New York University, New York; October 2007.
- *String theory in curved spacetime and linear dilaton backgrounds*, HEPT Group Seminar at Center for Cosmology and Particle Physics of New York University; November 2006.
- *Some aspects on N-point functions in the cigar manifold*, talk delivered at the Group Meeting seminar of the School of Natural Sciences, at the Institute for Advanced Study IAS, Princeton; October 2005.
- *Four-point functions in AdS₃ and Liouville theory*, talk delivered at the Massachusetts Institute of Technology MIT, Cambridge, Massachusetts; March 2004.
- *Strings in AdS₃ and Liouville theory*, talk delivered at the Group Meeting seminar of the School of Natural Sciences, at the Institute for Advanced Study IAS, Princeton; March 2004.
- *String theory on AdS₃: from two-dimensional black hole*, talk delivered at Universidad Autónoma de Madrid and Instituto de Física, Madrid, Spain; April 2003.

2003-2005

Talks at international conferences

- *The ontological hierarchy between force and space in Kant's natural philosophy*, Critical Philosophy for Cosmopolitan Justice and Perpetual Peace Immanuel Kant 300th Anniversary Conference School of Arts and Humanities University of Lisbon, Portugal September 17-19, 2024.
- *The 2D quantum gravity partition function*, Progress on gravitational physics: 45 years of Belgian-Chilean collaboration, Solvay Institutes of Belgium, Brussels, 2023
- *String two-point amplitudes: The Liouville dimension as a regularizing parameter*, 2nd Workshop on Asymptotic Symmetries and Holography, UAI, Chile 2023.
- *Observables in timelike Liouville field theory*, at PorratiFest, a conference to celebrate Massimo Porrati's 60th birthday, at New York University NYU, November 2022.
- *The BMS-type symmetry of extremal horizons*, Black Hole Workshop BHW XIII, Portugal, December 2020.
- *The infinite symmetries of extremal horizons*, at VIII AFUNALHUE, "La Parte y el Todo", Chile, January 2021.

2015-2022



- *The BMS-type symmetry of extremal horizons*, Simposio de la Sociedad Chilena de Física SOCHIFI XXII, Chile. November 2020.
- *Ultraviolet deformations and AdS_3/CFT_2* , talk delivered at the Workshop on TTbar and Other Solvable Deformations of Quantum Field Theories, Simons Center, Stony Brook, NY, April 2019. [\[+\]](#)
- *The tensionless limit of string theory in AdS_3* , Quantum Gravity in the Southern Cone VIII, Patagonia, December 2019.
- *The tensionless limit of strings in AdS_3* , CosmoSur V conference, Valparaíso, Chile, 2019.
- *Q-curvature and generalization of Einstein equations*, invited talk at the American Mathematical Society (AMS) meeting, held at Northeastern University, Boston, Massachusetts, April 2018.
- *Renormalization group flow, AdS/CFT , and correlation functions*, at the conference Holography and Supergravity, held in Viña del Mar, Chile, January 2018.
- *Logarithms in AdS_3/CFT_2 and the bootstrap approach*, Workshop on Topics of 3D Gravity, International Centre for Theoretical Physics, Trieste, Italy, March 2016.
- *$WAdS/CFT$ correspondence in presence of massive gravitons*, talk delivered at XIV Marcel Grossmann Meeting on General Relativity, held at La Sapienza, Rome, Italy, July 2015.
- *The n -string scattering amplitude in AdS_3* , talk delivered at the Workshop on holography for black holes and cosmology, held at Université Libre de Bruxelles, Brussels, Belgium, April 2014.
- *New partially Massless Gravity*, talk delivered at Meeting in the Horizon, held at Pontificia Universidad Católica de Valparaíso, Chile, March 2014.
- *The $SO(8)$ global symmetry of $N=2$ super-QCD from the 2D/4D correspondence*, talk delivered at Encuentro de Verano de Física Teórica en La Plata, February 2014.
- *A new type of phase transition in quantum gravity*, invited talk at GravUACH Conference, held at Universidad Austral de Chile, Valdivia, January 2014.
- *The black hole bestiary in three dimensions: the de-Sitter case*, at AFA2013, the 98th meeting of Asociación Física Argentina, Bariloche, September 2013.
- *Baby de Sitter black holes and dS/CFT* , at Quantum Gravity in the Southern-Cone VII, Maresias, Brazil September 2013.
- *A toy model for black holes in dS/CFT* , at Open Questions in an Open Universe, Bogazici University, Istanbul, Turkey, August 2013.
- *Global symmetries of super Yang-Mills and the 4d/2d correspondence*, seminar delivered at UACH Workshop on Higher-Spin gravity, January 2013, Valdivia, Chile.
- *New Massive Gravity on de Sitter and black holes at the special point*, talk delivered at the XIII Marcel Grossmann Meeting on General Relativity, held at Stockholm, Sweden, July 2012.
- *Critical gravity waves*, talk delivered at the XIII Marcel Grossmann Meeting on General Relativity, held at Stockholm, Sweden, July 2012.
- *Duality between non-rational conformal field theories: Applications to three-dimensional gravity in AdS_3* , at the Workshop on Gravity in 3 Dimensions, held in the E. Schrödinger Institute, Vienna; April 2009.

2013-2014

2001-2012

- *Black holes in three-dimensional massive gravity and AdS_3/CFT_2* , series of lectures delivered at Croatian School of Black Holes, Trpanj, Croatia; June 2010.
- *Three-dimensional Chiral Gravity*, as moderator of the Workgroup on Three-Dimensional Gravity and Kerr/CFT Correspondence, an organic part of the CERN Winter School, Geneva; February 2009.
- *Comments on correlation functions in sine-Liouville field theory*, talk delivered at the XVIth International Colloquium on Integrable Systems and Quantum symmetries (ISQS-16), Czech Republic; June 2007.
- *Worldsheet Instantons in AdS_3* , talk delivered at the Workshop on Non-Perturbative Gauge Dynamics, held at SISSA, Trieste, Italy; March 2005.
- *Correlators in AdS_3* , talk delivered at the RTN-Workshop on Conformal Invariance and Strings, Karlstad University, Anttila, Sweden; September 2001.

Colloquia

- *Meissner effect in black holes*, Physics Department, University of Buenos Aires, Argentina, August 2024.
 - *Supermassive black holes*, Museo de la Ciencia y el Cosmos de Tenerife, Spain, May 2022.
 - *Supermassive black holes*, Astronomical Society Syrma, Universidad de Valladolid, Spain, March 2021.
 - *Supermassive black holes and the Nobel prize in physics 2020*, Departamento de Física, FCEN, Universidad de Buenos Aires UBA, October 2020. [\[+\]](#)
 - *The shadow of black holes*, Colloquium at Universidad Nacional General Sarmiento UNGS, Argentina, November 2020.
 - *A glance on string theory*, Colloquium at Red Interuniversitaria de Ciencias, Perú, November 2020 [\[+\]](#)
 - *Black hole thermodynamics*, Coloquio en la Pontificia Universidad Católica de Valparaíso PUCV, Chile, Julio 2020. [\[+\]](#)
 - *Black hole thermodynamics*, Coloquio para la Comunidad Estudiantil de Física de Tabasco, México, Julio 2020. [\[+\]](#)
 - *The shadow of black holes*, Facultad de Ciencias, Universidad Nacional Autónoma de México UNAM, February 2020. [\[+\]](#)
 - *The infinite-dimensional symmetries of the cosmological horizon*, Colloquium at the Physics Department, University of Buenos Aires, May 2019.
 - *Quantum field theory and transcendental numbers*, Colloquium at the Physics Department, University of Buenos Aires, September 2018.
 - *The Infinite-dimensional symmetries of black hole horizons*, Colloquium at the Physics Department, University of Buenos Aires, June 2016.
 - *On black hole information paradox*, invited talk at Center for Astrophysics, Harvard University, Cambridge Massachusetts, February 2014.
 - *Black hole thermodynamics and the information paradox*, Plenary talk at AFA2014, the 99th meeting of Asociación Física Argentina, Tandil, September 2014.
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- *Spacetime and black holes*, Colloquium delivered on occasion of the 75th anniversary of the Instituto de Ciencias of Universidad Nacional Autónoma de México UNAM, México, August 2014. Available at [\[+\]](#).
- *Physics in higher dimensions*, Colloquium at Centro de Investigaciones y Estudios Avanzados, Cinvestav, México, August 2014.
- *The work of Luis Santaló in unified field theory*, in celebration of 100th anniversary of Lius A. Santaló's birthday, Tecnópolis, Nov. 2011, Buenos Aires, Argentina.
- *Space-time and black holes*, TEDx conference at Fundación Konex, Buenos Aires, Argentina, June 2011. Available at [\[+\]](#).
- *The spacetime in the vicinities of the black holes*, conference at Galileo Galilei Planetarium of City of Buenos Aires, Argentina, May 2001, August 2003.

Lectures delivered at graduate schools

- *Introduction to conformal field theory*, UdeC, Universidad de Concepción, Chile, January 2022.
- *Lectures on quantum black holes*, UdeC, Universidad de Concepción, Chile, January 2021.
- *Lectures on conformal field theory*, 2nd Mini-workshop on Field Theory and Gravitation, UNAM, México, February 2020. [\[+\]](#)
- *Gravity from string theory*, 2nd UdeC School on CFT and String Theory, Universidad de Concepción, Chile, October 2019.
- *Introduction to conformal field theory*, UACH, Valdivia, Chile, January 2018.
- *Lectures on AGT correspondence*, 1st Mini-workshop on Field Theory and Gravitation, UNAM, México, November 2016.

Conferences and workshops organized

- *Fifty years of dimensional regularization, a Workshop in High Energy Physics* (9th Edition) April 2022, Universidad Nacional de La Plata IFILP-UNLP. Organizers: N. Grandi, G. Silva, D. Correa, G. Giribet, and others. Invited speakers include: H. Casini, J. Edelstein, M. Huerta, J. Maldacena, C. Núñez.
 - The announced celebration for the *50 years of Virasoro algebra*, which we were organizing in honor of the 80th birthday of Miguel A. Virasoro, was first postponed because of the Covid-19 pandemic and, later, it was eventually cancelled after Miguel sadly passed away in July 2021.
 - *An infrared day: a workshop on infrared divergences in quantum field theory*, October 2018, at IAFE-UBA, Buenos Aires, Argentina. Organizers: D. Blanco, A. Garbarz, G. Giribet, A. Goya, M. Leston, G. Pérez-Nadal.
 - *Workshop on High Energy Physics*, September 2018, at IAFE-UBA, Buenos Aires, Argentina. Organizers: Gaston Giribet, Nicolás Grandi, Mauricio Leston. (8th Edition).
 - *Workshop on High Energy Physics*, February 2017, at IAFE-UBA, Buenos Aires, Argentina. Organizers: the hep-th group at UBA. (7th Edition)
 - *Workshop on High Energy Physics*, at IAFE-UBA in coordination with the Strings@ar Network. January 2016, at UBA, Buenos Aires, Argentina. Organizers: Gaston Giribet and Strings@ar net. (6th Edition)
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- *Chilean Gravity Meeting in Buenos Aires*. November 20th – 21st, 2014, at UBA, Buenos Aires, Argentina. Organizers: Remi Durka, Olivera Miskovic, Gaston Giribet. (5th Edition)
 - *Workshop on Geometrical Structure of the Space-Time*. March 27th - 28th, 2014, at IAFE, Buenos Aires, Argentina. Organizers: Gabriel Catrén, Gaston Giribet, Mauricio Leston. (4th Edition)
 - *Workshop on Higher-Spin and Higher-Curvature Gravity*. November 4th - November 7th 2013, ICTP-SAIFR, Sao Paulo, Brazil. Organizers: Eric Bergshoeff, Gaston Giribet, Marc Henneaux, Jorge Zanelli.
 - *3rd Workshop on String Theory, Gravity, and Fields: Phenomenology in the LHC era*. May 13th - May 14th 2013, FCEN-UBA, Argentina. Organizers: Gaston Giribet and Daniel López-Fogliani. (3rd Edition)
 - *2nd Workshop on String Theory, Gravity, and Fields: Chern-Simons theory and its applications to physics*. October 16th - October 17th 2012, FCEN-UBA, Buenos Aires, Argentina. Organizers: Alan Garbarz, Gaston Giribet, Mauricio Leoni, Nicolás Grandi. (2nd Edition)
 - *1st Workshop on String Theory, Gravity, and Fields: Higher-curvature gravity and other topics*. August 24th - August 25th 2011, IAFE, Buenos Aires, Argentina. Organizers: Gaston Giribet and Nicolás Grandi. (1st Edition)
 - *Quantum Gravity in the Southern Cone V*. July 28th - July 31st 2010, Biblioteca Nacional, Buenos Aires, Argentina. Organizers: G. Aldázabal, G. Giribet, N. Grandi, C. Núñez, J. Pullin, G. Silva, M. Schvellinger. The list of speakers included: A. Ashtekar, G. Giddings, J. Maldacena, J. Polchinski.
 - *International School in Quantum Gravity*. July 21st - July 25th 2010. This school, which is dedicated to the memory of Prof. Carlos G. Bollini, was dedicated to graduate students working in the area of String Theory, Quantum Gravity, AdS/CFT correspondence, and related topics. The list of lecturers included: Abhay Ashtekar, Gary Giddings, Juan Maldacena, Joseph Polchinski.
 - *Quantum Gravity and the Foundations of Physics*. This was a conference in honor to Prof. Mario A. Castagnino, in his 75th birthday. March 17th - March 19th of 2010, held at Museo Macro and Museo Castagnino, Rosario. Argentina. Organizers: G. Domenech, R. Ferraro, G. Giribet, R. Laura, C. Nunez.
 - *Workgroup on Three-Dimensional Gravity and Kerr/CFT Correspondence*. February 9th - February 13th of 2010, CERN, Geneva, Switzerland. This was one of the workgroups within the CERN Winter School on Supergravity, Strings, and Gauge Theories. Organizers: Stephane Detournay, Gaston Giribet, Monica Guica, Daniel Persson.
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