

# Curriculum vitae

PhD. Luis Eduardo Kostascki

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## Education

Year	
2008-2012	Ph.D. in Mechanical Engineering. Federal University of Rio Grande do Sul, UFRGS, Brazil. Advisor: Ignacio Iturrioz.
2005-2008	Master In Engineering Science. Facultad de Ingeniería, National University of Nordeste, UNNE, Argentina. Advisor: Ignacio Iturrioz.
1999-2004	Graduation in Civil Engineering. Facultad de Ingeniería, National University of Nordeste, UNNE, Argentina.

## Positions - current and previous

Year	Job title – Employer - Country
2020-current	Associate Professor of Alegrete Campus of Federal University of Pampa, Brazil.
2011-2020	Adjunct Professor of Alegrete Campus of Federal University of Pampa, Brazil.

2020-Current	Co-Advisor in Postgraduate program of Civil Engineering (PPGEC) - Federal University of Santa Maria (UFSM) - Brazil
2020-Current	Co-Advisor in Postgraduate Program in Mechanical Engineering (PROMEC) - Federal University of Rio Grande do Sul (UFRGS) - Brazil
2015-2017	Coordinator of the Postgraduate Program of Engineering (PPEng) - Federal University of Pampa (Unipampa) - Brazil
2005-2008	Assistant Professor of Faculty of Engineering of National University of Nordeste (UNNE) - Argentina.

### Project management experience

Year	
2022-2025	Manager of project: Use of Lattice Discrete Elements Method (LDEM) on the simulation of quasi-brittle materials. Project financed CNPq Call N° 4/2021 - Research Productivity Scholarships - PQ – Brazil.
2019-2021	Manager of project: Concrete rupture processes simulation using the Lattice Discrete Elements Method (LDEM). Project financed CNPq Call N° 09/2018 - Research Productivity Scholarships - PQ – Brazil.
2015-2017	Manager of project: Study of tensile strength of concrete under different aspects. Project financed by Public Notice 08/2014 - First Projects Program: ARD/PPP/FAPERGS/CNPq – Brazil.
2013-2015	Manager of project: Numerical simulation of rupture processes of quasi-brittle materials using the Lattice Discrete Element Method (DEM). Project financed by Universal call - MCTI/CNPq N° 14/2013 – Brazil.

### Publications

Professor Luis Eduardo Kostascki have 28 Articles published in Scientific peer-reviewed Journals, 1 Book Chapter, 46 complete works published in proceedings of conferences and 33 Summaries published in proceedings of conferences. On Scopus have 21 Documents, with 196 Citations and a 8 h-index. The five most cited documents are:

1	Crack propagation in elastic solids using the truss-like discrete element method. Kostascki, L.E.; Barrios D'ambra R. ; Iturrioz I. INTERNATIONAL JOURNAL OF FRACTURE (Print), v. 174, p. 139-161, 2012.	57 Citations
2	The truss-like discrete element method in fracture and damage mechanics. Kostascki, L.E., Iturrioz, I., Batista, R.G., Csilino, A.P. ENGINEERING COMPUTATIONS (Swansea, Wales), 2011, 28(6), pp. 765–787	29 Citations
3	A lattice discrete element method to model the falling-weight impact test of PMMA specimens. Kostascki, L.E., Iturrioz, I., Csilino, A.P., Fasce, L., Frontini, P. International Journal of Impact Engineering, 2016, 87, pp. 120–131	19 Citations
4	Analysis of reinforced concrete plates subjected to impact employing the truss-like discrete element method. Kostascki, L.E., Riera, J.D., Iturrioz, I., Singh, R.K., Kant, T. Fatigue and Fracture of Engineering Materials and Structures, 2015, 38(3), pp. 276–289	17 Citations

5	Fractomechanics parameter calculus using the Discrete Element Method with bars. Kostaski, L., D'ambra, R.B., Iturrioz, I. Latin American Journal of Solids and Structures, 2009, 6(4), pp. 301–321	13 Citations
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**Supervisor**

**Academic Advisory (current):**

1 Doctoral Students of the Postgraduate Program in Mechanical Engineering (UFRGS) as Co-Advisor; 5 Master Students of Postgraduate Program in Engineering (Unipampa); 4 Undergraduate Researches (students of Civil and Mechanical engineering of Unipampa).

**Academic Advisory (concluded):**

1 PhD's Thesis of Postgraduate program of Civil Engineering (UFSM) as Co-Advisor; 10 MSc's Thesis as Advisor and 1 as Co-Advisor of the Postgraduate program o Engineering (Unipampa); 16 Bachelor's Thesis (students of Civil and Mechanical engineering of Unipampa); 15+ Undergraduate Researchers (students of Civil and Mechanical engineering of Unipampa).