TOBÍAS CANAVESI

PhD Student

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ACTUAL POSITION

Postgraduate Assistant
Faculty of astronomical and geophysical sciences

📅 August 2018 – Ongoing   📍 La Plata, Argentina

- Teacher of the practical part of modern physics subject of the astronomy career.

Doctoral fellow
CONICET-IFLP

📅 April 2018 – Ongoing   📍 La Plata, Argentina

- Work in doctoral thesis in theoretical physics

PROJECTS

Vessel classification and clustering
Digital House and Aeroterra

📅 2021 - Ongoing

- Developer of a classification and clustering model for detecting Fishing Activity and fishing gear types Based on spatial-temporal vessel characteristics from AIS Data. https://github.com/tobiascanavesi

Instructor of the Wolfram Summer School 2021
Wolfram Research (United States)

📅 2021

- Working as a mentor at the Wolfram 2021 summer school. https://education.wolfram.com/summer-school

Wolfram Physics Project
Wolfram Research (United States)

📅 2020-2021

- Research Affiliate. http://wolframphysics.org

PUBLICATIONS

📄 Journal Articles
- Argüelles, Carlos R. et al. (Oct. 2020). "Thermodynamic instabilities in holographic neutron stars at finite temperature". In: *Classical and Quantum Gravity* 37.20, 205002, p. 205002. DOI: 10.1088/1361-6382/abb1f5. arXiv: 1911.02554 [hep-th].

📄 Conference Proceedings
- Canavesi, T. (July 2020). "Fractal gravitation". In: vol. 61B, pp. 136–138. arXiv: 2008.00099 [astro-ph.GA].
- Canavesi, T. and S. Hurtado (July 2020). "Fractal dimension in star formation regions". In: vol. 61B, pp. 254–256.

MY LIFE PHILOSOPHY

"Every problem has a solution, although this solution is in another problem."

SKILLS

👥 Work in group
Ability to work in a group, either leading or being part of it

📊 Programming
Programming in different languages mainly in Mathematica and Python. Freelancing in data science and artificial intelligence topics

📈 Data Science Skills
Data wrangling, Data Visualization, ability to understand a problem in depth in order to be able to use the appropriate machine learning tools.

LANGUAGES

English   ●●●●○

Spanish   ●●●●●

Python   ●●●●○

Wolfram Language   ●●●●●

MySQL   ●●○○○

EDUCATION

Ph.D. in Theoretical Physics
National University of La Plata

📅 April 2018 – Ongoing

Thesis title: The duality AdS/CFT and its application

REFEREES

Dr. Xerxes Arsiwalla
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