

# Camargo Rodrigues de Lima, Rafael

## *Current Position:*

Professor at UDESC (Florianópolis – SC)

## *Previous Position:*

Capes Postdoctoral Student

International Center for Relativistic Astrophysics Network – ICRANet



## *Outcome Institution:*

Universidade Federal de Santa Catarina – UFSC

## *Publications:*

-) Pereira, Jonas P.; Coelho, Jaziel G.; de Lima, Rafael C. R., “Born-Infeld magnetars: larger than classical toroidal magnetic fields and implications for gravitational-wave astronomy”, The European Physical Journal C, Volume 78, Issue 5, article id. 361, 2018.

-) Cáceres, D. L.; de Carvalho, S. M.; Coelho, J. G.; de Lima, R. C. R.; Rueda, Jorge A., “Thermal X-ray emission from massive, fast rotating, highly magnetized white dwarfs”, Monthly Notices of the Royal Astronomical Society, Volume 465, Issue 4, 2017.

-) Coelho, Jaziel G.; Cáceres, D. L.; de Lima, R. C. R.; Malheiro, M.; Rueda, J. A.; Ruffini, R., “The rotation-powered nature of some soft gamma-ray repeaters and anomalous X-ray pulsars”, Astronomy & Astrophysics, Volume 599, id.A87, 2017.

-) de Lima, Rafael C. R.; Coelho, Jaziel G.; Malheiro, Manuel; Rueda, Jorge A.; Ruffini, Remo, “SGRs/AXPs as Rotation-Powered Neutron Stars”, International Journal of Modern Physics: Conference Series, Volume 45, id. 1760030, 2017.

## *Meetings, conferences, seminars, schools:*

Third Bego Rencontres -IRAP Ph.D. Erasmus Mundus school - September 8th-19th, 2014 Nice

Yerevan, Armenia - 1<sup>st</sup>Scientific ICRANet Meeting in Armenia: Black Holes: the largest energy sources in the Universe - 30 June - 4 July 2014

IRAP Ph.D. Erasmus Mundus Workshop - Supernovae, Gamma-ray bursts and the induced gravitational collapse May 11-16, 2014 - Les Houches (France)

2<sup>nd</sup> César Lattes Meeting “Supernovae, Neutron Stars, Black Holes”, 2015, Niterói - Rio De Janeiro, April 13-18 João Pessoa, April 21, Recife - Fortaleza, April 22

XIV Marcel Grossmann Meeting on Recent Developments in Theoretical and Experimental General Relativity, Gravitation, and Relativistic Field Theory, 2015, July 12-18, Rome, Italy.