

Thiago Martins

Profession

- PhD student [Electrical Engineering](#), at Federal University of Santa Catarina.
 - M.Sc in [Electronic Systems Engineering](#) from the Federal University of Santa Catarina.
 - B.Eng. in [Mechatronics Engineering](#) from the Federal University of Santa Catarina.
 - Curriculum Vitae ([Lattes](#)).
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Research Activities

Research Topics

- Embedded Systems Development
- Low Power Systems
- Energy Harvesting

Projects

- [Elgin A-C Smart Controller](#).
- [Test and Application - Shield CAN - Emote III](#).
- Development of a payload for Cubesat missions.
- Instrumentation and control - system for analysis of dynamic and multiphase fluids.

Publications

- MORAIS, FLÁVIO; CARVALHAES-DIAS, PEDRO; DUARTE, LUÍS; SPENGLER, ANDERSON; DE PAIVA, KLEBER; MARTINS, THIAGO; CABOT, ANDREU; SIQUEIRA DIAS, JOSÉ. [Optimization of the TEGs Configuration \(Series/Parallel\) in Energy Harvesting Systems with Low-Voltage Thermoelectric Generators Connected to Ultra-Low Voltage DC-DC Converters](#) Energies. Fator de Impacto(2018 JCR): 2,7070, v.13, p.2297 - , 2020.
 - MARTINS, THIAGO; SPENGLER, ANDERSON; OLIVEIRA, JORGE L. G.; PAIVA, KLEBER V; SEMAN, LAIO O. [Active Control System to Prevent Malfunctioning Caused by the Pressure Difference in Gasket Plate Heat Exchangers Applied in the Oil and Gas Industry Sensor](#),2022, 22.12: 4422.
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Contact

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