

# Prof. Dr. Anderson Wedderhoff Spengler

## Personal

- Assistant professor in the [Center of Joinville](#) of the [Federal University of Santa Catarina \(UFSC\)](#).
- Curriculum vitae ([Lattes](#)).

## Research Activities

### Research Topics

- Hardware/Software Integration
  - Electronic instrumentation using microcontrollers and programmable logic devices.
  - Fiber optic sensors and MEMs sensors for inertial navigation systems.
- Energy harvesting systems
  - Magnetic energy harvesting systems.
  - Thermoelectric energy harvesting systems.

## Projects

- [EPOSMote III shields](#) (2015-)

## Former Research Projects

## Publications