

# Curriculum Vitae

## Eduardo Novaes HERING

- +55 83 999.689.520 (WhatsApp/Telegram), enhering@gmail.com
- Brazilian and Swiss
- Male, born in March 15th, 1973, in Brazil.

## Education:

- 2015-2016 Licentiate in physics.
- 2007-2014 Many postdoc experiences, some international.
- 2001-2006 Doctor in Sciences, Physics. (DSc, PhD equivalent), Pontifical Catholic University of Rio de Janeiro - PUC-Rio (<http://www.puc-rio.br>)
- 1998-1999 Master in Sciences, Physics (MSc), PUC-Rio.
- 1992-1997 Bachelor in Physics, PUC-Rio.

## Language skills:

- Brazilian Portuguese - native speaker.
- English, fluent.
- French, A1.

## Academic history/production:

- 12 scholarships, from scientific initiations to postdocs. International experience in Sweden, France and Germany.
- 2 grants (startup and technological development).
- 6 research projects, including Masters and PhD.
- 4 scientific initiation advisory projects, 4 students.
- 3 high school scientific vocation projects, 7 students.
- 19 articles in scientific journals.
- co author in 23 presentations in congresses.
- 14 works published in conference proceedings.
- 14 schools, congresses or workshops attended.
- participation in the organization of 3 international conferences.
- participation in 3 *latu sensu* judging commission boards.

## Computer skills:

- Programming languages: C++, C, Perl, SQL, Pascal, JavaScript, some Objective-C, some Swift, learning Ada. I started with Basic when I was 12 years old.
- Operating systems: Linux (RedHat, Fedora, FreeBSD), MacOS, Windows.
- Experience with sysadmin, networking and security.
- Embedded systems: Experience with AVR, including designing and building my own boards and systems. Please visit this [link](#) to learn about my latest project.

## Other skills and competences:

- Social: Team working, ability to work in an international environment, student tutoring.
- Scientific: experimental, high pressure and low temperature physics, dilution refrigerators, scientific instrumentation development, non linear optics, lasers, lab safety etc.
- Programming: simulations, data acquisition, data processing, automation, GPIB, data fitting, embedded etc.

## Teaching experience:

- WebDesign graduate courses: JavaScript programming modules (2006-2012), Project Publishing and Management modules (2006-2012).
- Physics undergraduate courses: The Cold Side of Physics (on low temperature physics 2012), Experimental Physics Lab I and III (2001, 2003), Physics for Arts lab (1998).
- High school: PIUES - School, University and Society Integration Program (experimental physics lectures).

For detailed information, please visit [my online CV](#) or contact me.