

CURRICULUM VITAE

Erick MARTINS RATAMERO

PERSONAL DATA

Name: Erick Martins Ratamero

Birth date: 23/03/1986

ACADEMIC INTERESTS

- Complex Systems, Mathematical Modelling, Dynamical Systems

ACADEMIC QUALIFICATION

- Marie Curie ITN Ph.D. In Analytical Science, University of Warwick/United Kingdom (2013-present)
- Erasmus Mundus Master in Complex Systems Science – École Polytechnique/France and Chalmers University of Technology/Sweden (2011-2013).
- B.Sc. Telecommunications Engineering – Universidade Federal Fluminense/Brazil (2004 – 2009).

COMPUTATIONAL KNOWLEDGE

- Experience with C, Java, Perl, Fortran, Python, Netlogo, R, Matlab, Mathematica.

FOREIGN LANGUAGES KNOWLEDGE

- English: Fluent (TOEFL IBT 117/120)
- Portuguese: Fluent (Native)
- French: Fluent (TCF C1)
- Spanish: Basic
- German: Intermediary
- Italian: Basic

PROFESSIONAL EXPERIENCE

- Chemtech Ltda, Brazil (2008-11): Junior Engineer, responsible for project design of telecommunications infrastructure for oil refineries.
- Harman/Becker GmbH, Germany (2008): Trainee, responsible for developing testing tools and data for speech recognition systems.

SCHOLARSHIPS AND AWARDS

- XVI Prêmio Walder Moreira, Telecommunications Engineering Department, Universidade Federal Fluminense – “Student of the Year” award, 1st place
- XVIII Prêmio Walder Moreira, Telecommunications Engineering Department, Universidade Federal Fluminense – “Student of the Year” award, 1st place
- Láurea Acadêmica UFF 2010 – best graduating student in Telecommunications Engineering
- Erasmus Mundus Scholarship, M.Sc. In Complex Systems Science, European Commission
- Marie Curie Initial Training Network Fellowship, Ph.D. In Analytical Science, European Commission

ACADEMIC PRODUCTION

MARTINS RATAMERO, Erick. MOPED: an agent-based model for peloton dynamics in competitive cycling. In: International Congress on Sports Science Research and Technology Support, 2013, Vilamoura, icSPORTS 2013, 2013.

MARTINS RATAMERO, Erick; COOK, T.W.; CAVALINI, L. T.; SAADE, D. C. M. Modeling Magnetic Resonance Clinical Reports of the Lumbar Spine using OpenEHR Archetypes. In: XII Congresso Brasileiro de Informática na Saúde, 2010, Porto de Galinhas. CBIS 2010, 2010.

MARTINS RATAMERO, Erick; SANTOS, J. A. F.; ARRUDA, J. P. S. ; DANTAS, M. ; SANCHES, M. L. A. ; SAADE, Debora Christina Muchaluat . RummiTV: An Interactive Game for the Brazilian Digital TV System. In: XXVI Simpósio Brasileiro de Telecomunicações, 2008, Rio de Janeiro. SBRT 2008, 2008.