



Europass Curriculum Vitae

Personal information



Surname(s) / First name(s) **Ramos, João Pedro**
Address Prévessin-Möens (France)
E-mail(s) joao.pedro.ramos@cern.ch; jp.framos@ua.pt
Nationality Portuguese
Date of birth 26 February 1987
Gender Male

Desired employment / Occupational field

Materials Engineering

Work experience

Dates April 2011 →
Occupation or position held Materials Engineer
Main activities and responsibilities Master thesis being done within a collaboration between CERN and University of Aveiro entitled "Influence of microstructural characteristics of calcium oxide targets on the diffusion isotopes"
Target material development for production of radioactive ion beams.
Measurement of release and yields of several isotopes at the ISOLDE control room.
Training in radioprotection and cryogenics.
Name and address of employer CERN - European Organization for Nuclear Research
CERN CH-1211 Genève 23 (Switzerland)

Education and training

Dates September 2009 →
Title of qualification awarded Master's Degree in Materials Engineering (2nd Cycle) - Currently frequenting...
Principal subjects / occupational skills covered Industrial Installation Practices, Polymer Technology, Metallurgical Technology, Materials in Technology, Instrumentation and Automatic Control, Materials Technology Laboratories, Ceramic Technology, Quality Management, Environmental Systems Management, Thermal Treatments, Human Resources Management, Introduction to Marketing and Advanced Processing of Materials. Actually doing the master thesis entitled "Influence of microstructural characteristics of calcium oxide targets on the diffusion isotopes" in a collaboration between the University of Aveiro and CERN (European Organization for Nuclear Research), including a traineeship in the last one.
Name and type of organisation providing education and training University of Aveiro (Department of Ceramics and Glass Engineering)
Campus Universitário de Santiago, 3810-193 Aveiro (Portugal)
Level in national or international classification ISCED 5A (Actual Grade - 14 in 20 / Expected 15 (or 16) in 20)

Dates September 2005 - June 2009
Title of qualification awarded Degree in Materials Engineering (1st cycle)
Principal subjects / occupational skills covered Materials Characterization, Phase Diagrams, Solids Structures, Microstructural Development, Solid State Reactions, Recycling and New Products, Corrosion and Materials Protection, Materials Laboratory (I and II), Physical Chemistry of Polymers, Organic Chemistry, Operations Management, Computer-Assisted Design and Manufacture, Technical Design, Project with Materials (Research Project entitled "Study of Belite and Sulfoelite Clinkers" with Professor João A. Labrincha - Grade 16

in 20).

Name and type of organisation providing education and training
Level in national or international classification

University of Aveiro (Department of Ceramics and Glass Engineering)
Campus Universitário de Santiago, 3810-193 Aveiro (Portugal)
ISCED 5A (Grade - 13 in 20)

Dates

September 2002 - June 2005

Title of qualification awarded

Secondary Course of General Character - Sciences

Principal subjects / occupational skills covered

English, Physics, Chemistry, Chemistry/Physics Laboratory Techniques, Earth and Life Sciences, Introduction to Information Technologies, Drawing and Descriptive Geometry

Name and type of organisation providing education and training

Escola Secundária da Gafanha da Nazaré (Secondary Education)
Rua Dr. Joaquim António Vilão, 3834-908 Gafanha da Nazaré (Portugal)

Level in national or international classification

ISCED 3A (Grade - 15 in 20)

Personal skills and competences

Mother tongue(s)

Portuguese

Other language(s)

Self-assessment
European level ()*

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	B1	Independent user	B2	Independent user	B2	Independent user
A2	Basic User	B1	Independent user	A1	Basic User	A1	Basic User	A1	Basic User

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences

- Good communication skills (gained through associative life, juvenile groups and representing University of Aveiro in schools and fairs, for more go to "Additional Information");
- Team spirit (gained through juvenile groups and associative life, for more go to "Additional Information");
- Flexibility adapting to change and ability to adapt to multicultural environments, gained through my work experience at CERN.

Organisational skills and competences

- Leadership (gained by performing leadership roles in associative life, social volunteering and in juvenile groups, for more go to "Additional Information");
- Good experience in project and team management (actually I coordinate two teams in various projects: Caritas Group of Gafanha da Nazaré and Materials Students Association, for more go to "Additional Information");
- Good experience organising activities like, workshops and conferences (acquired in juvenile groups and organizing events in the Materials Students Association of Students' Union of University of Aveiro, for more go to "Additional Information").

Technical skills and competences

- Ability to intervene in aspects of selection, use, characterization, processing, recycling, waste recovery, treatment and development of materials, whether they are ceramic, polymer, metallic, vitreous or composite.

Computer skills and competences

- Good command of Microsoft Office™ (Word™, Excel™, Access™ and PowerPoint™), gained in my education and through experience;
- Good command of all Microsoft™ Operative Systems since Windows 95™ (education and autodidact);
- Basic knowledge in computer hardware and it's assimilation (autodidact).

Artistic skills and competences

- Basic knowledge of musical notation and classic guitar.

Other skills and competences	- Regular cardiovascular sports practice.
Driving licence(s)	B, B1
Additional information	<ul style="list-style-type: none"> - Personal Web-site: http://www.joaopedroramos.com/en; - President of Caritas Group of Gafanha da Nazaré from December 2008 to January 2011; - Coordinator of Núcleo de Estudantes de Materiais da Associação Académica da Universidade de Aveiro (Materials Students Association of Students' Union of University of Aveiro) from December 2008 to November 2010; - TNT Express Portugal Award - University of Aveiro - 2nd Place - Member of the Economic and Pastoral Council of the Church of Gafanha da Nazaré and member of the General Council of Fundação Prior Sardo from February 2010 to January 2011; - Collaborating with the Services of Communication, Image and Public Relations at the University of Aveiro, representing the university at schools, fairs and working in summer camps for teenagers and children (Summer Academy at the University of Aveiro) from September 2008 to September 2009; - Member of the Editor Commission of Regulation of Department of Ceramics and Glass Engineering of University of Aveiro, from December 2009 to July 2010; - Scout from September 1995 to November 2009 (in the last 4 years performing tasks like team leader and treasurer); - President of a Grupo de Acção Social Contigo (Social Volunteering) from July 2008 to November 2009; - Treasurer of Grupo de Acção Social Contigo (Social Volunteering) from July 2005 to June 2008.
Annexes	<ul style="list-style-type: none"> - Letter of Motivation; - Copy of the certificate of the obtainment of the Degree in Materials Engineering (in Portuguese); - Copy of certificate of the completion of the disciplines listed in the Masters Degree in Materials Engineering (in Portuguese); - Copy of the declaration of the position and activities at the Materials Students Association of Students' Union of University of Aveiro (in Portuguese); - Copy of the declaration of the position and activities in the Caritas Group of Gafanha da Nazaré, the Economic and Pastoral Council of the Church of Gafanha da Nazaré and the General Council of Fundação Prior Sardo (in Portuguese). - Copy of certificate of the TNT Express Portugal Award - University of Aveiro - 2nd place