

## Europass Curriculum Vitae



### Personal information

Name and surname **Ilaria Pasciuto**  
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E-mail [ilaria.pasciuto@uniroma4.it](mailto:ilaria.pasciuto@uniroma4.it)  
Nationality Italian  
Date of birth 19 January 1982

### Work experience

Dates November 2013 - present  
Occupation or position held Post-doc fellowship  
Main activities and responsibilities Identification of fall events in the elderly  
Name and address of employer University of Rome "Foro Italico", Rome (Italy)

Dates September 2009 – June 2013  
Occupation or position held Teaching assistant for Linear Algebra  
Main activities and responsibilities Discussion sessions, correcting assignments  
Name and address of employer Tecnun – University of Navarra, San Sebastian (Spain)

Dates October 2008 – December 2012  
Occupation or position held Junior researcher  
Main activities and responsibilities Development of human motion prediction methods in the European Project DHErgo  
Name and address of employer CEIT, San Sebastian (Spain)

### Education and training

Dates October 2008 – June 2013  
Title of qualification awarded PhD  
Principal subjects Industrial Engineering, Biomechanics  
Name and type of organisation Tecnun – University of Navarra

Dates October 2000 – July 2006  
Title of qualification awarded MSc  
Principal subjects Mechanical Engineering  
Name and type of organisation University of Rome "Roma Tre"

## Personal skills and competences

Mother tongue(s)

Other languages

Self-assessment

European level (\*)

Spanish

French

Italian, English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
A2	Basic user	B1	Independent user	A1	Basic user	A1	Basic user	A1	Basic user

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

## Additional information

### PUBLICATIONS IN JOURNALS

- Pasciuto, I., Ausejo, S., Celigüeta, J.T., Suescun, A., Cazón, A., 2013. A comparison between optimisation-based human motion prediction methods: data-based, knowledge-based and hybrid approaches. *Structural and Multidisciplinary Optimization*.
- Pasciuto, I., Ausejo, S., Celigüeta, J.T., Suescun, A., Cazón, A., 2013. A hybrid dynamic motion prediction method for multibody digital human models based on a motion database and motion knowledge. *Multibody Systems Dynamics*.

### PUBLICATIONS IN CONFERENCE PROCEEDINGS

- Pasciuto, I., Valero, A., Ausejo, S., Celigüeta, J.T., 2011. A hybrid dynamic motion prediction method with collision detection. In proceedings of the First Symposium on Digital Human Modeling. June 14-16, Lyon, France.
- Pasciuto, I., Valero, A., Ausejo, S., Celigüeta, J.T., 2010. A dynamic motion prediction method based on a motion database and motion knowledge. In proceedings of the 1st International Conference on Applied Bionics and Biomechanics. Oct. 14-16, Venice, Italy.
- Pasciuto, I., Valero, A., Ausejo, S., Celigüeta, J.T., 2010. Comparación de leyes de control para la predicción dinámica del movimiento humano usando bases de datos. In proceedings of the XVIII Spanish National Congress on Mechanical Engineering. Nov. 3-5, Ciudad Real, Spain.
- Ausejo, S., Valero, A., Pasciuto, I., Celigüeta, J.T., Suescun, A., Cazón, A., 2011. Reconstrucción y predicción del movimiento humano. In proceedings of the I Meeting of the Spanish Chapter of the European Society of Biomechanics (ESB). Nov. 10, Zaragoza, Spain.
- Valero, A., Pasciuto, I., Ausejo, S., Celigüeta, J.T., 2010. Comparación de dos métodos globales de reconstrucción del movimiento basados en coordenadas naturales y relativas. In proceedings of the XVIII Spanish National Congress on Mechanical Engineering. Nov. 3-5, Ciudad Real, Spain.
- Ausejo, S., Pasciuto, I., Celigüeta, J.T., Suescun, A., Cazón, A., 2012. Methods for human motion reconstruction and motion prediction in ergonomic applications for the automotive industry. In proceedings of the Tecnun 50th Anniversary Conference. June 1, San Sebastian, Spain.

### HONOURS AND AWARDS

- Torres-Quevedo 2010-2012: funding awarded by the Ministry of Science and Innovation (Spain) to co-finance my research in human motion prediction.
- Best Oral Presentation: awarded in the First International Symposium on Digital Human Modeling, June 14-16 2011, Lyon, France.