



# Europass Curriculum Vitae



## Personal information

**First name(s) / Surname(s)** **Cristiana Croitoru**  
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**E-mail** cristianaverona@yahoo.com  
**Nationality** romanian  
**Date of birth** 24.08.1983  
**Gender** female

## Desired employment / Occupational field

**Assistant professor, PhD, eng.**

## Work experience

**Dates** February 2008 - now  
**Occupation or position held** Assistant Professor  
**Main activities and responsibilities** Researcher and teaching duties: seminars, laboratories  
**Name and address of employer** Technical University of Civil Engineering, Faculty of Building Services  
**Type of business or sector** Civil Engineering

## Education and training

**Dates** 2008 – 2011 PhD student  
**Title of qualification awarded** PhD  
**Principal subjects/occupational skills covered** Thesis title: "Numeric and experimental studies regarding the influence of turbulence intensity on thermal comfort of the occupants in ventilated buildings"  
**Dates** 2007 – 2008;  
**Title of qualification awarded** Master  
**Dates** 2002 – 2007;  
**Title of qualification awarded** Licence  
**Principal subjects/occupational skills covered** Building services engineering; CFD; Thermal Comfort; Indoor Air Quality

## Other language(s)

**Self-assessment**  
*European level (\*)*

**English**  
**French**

| Understanding |                 |         |                 | Speaking           |                 |                   |                 | Writing |                 |
|---------------|-----------------|---------|-----------------|--------------------|-----------------|-------------------|-----------------|---------|-----------------|
| Listening     |                 | Reading |                 | Spoken interaction |                 | Spoken production |                 |         |                 |
| C2            | Proficient user | C2      | Proficient user | C2                 | Proficient user | C1                | Proficient user | C2      | Proficient user |
| C1            | Proficient user | C2      | Proficient user | C1                 | Proficient user | C1                | Proficient user | C2      | Proficient user |

(\*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

**Social skills and competences** Team work- I have worked in different research teams

|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Organisational skills and competences | Organisational skills- I am member of Young Researchers Conference organizing Committee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Computer skills and competences       | Windows, MSOffice, ANSYS Fluent, Mathcad, ACAD,Pascal, VisualBasic, C++;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Driving licence                       | B category since 2002                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Additional information</b>         | <p>Publications:</p> <ol style="list-style-type: none"> <li>1. I. COLDA, A. DAMIAN, C. CROITORU, Summer electrical energy consumptions for different cooling systems, Electromotion 2009 Conference, Lille, France.</li> <li>2. I. NASTASE, C. CROITORU, A. VARTIRES, Grile de refulare inovante pentru ameliorarea difuziei aerului în încăperi, Conferința "Reabilitarea energetica si constructiile eficiente energetic - auditul energetic profesionist in slujba eficientei energetice a cladirilor », 28 May 2009, Bucharest.</li> <li>3. I. NASTASE, C. CROITORU, I.COLDA, A. CHICINAS, Un nou concept de grile de refulare pentru un amestec îmbunătățit al aerului în încăperi, Conferința Conferinta „Știința moderna si energia”, 20-21 May 2009, Cluj-Napoca.</li> <li>4. I. NASTASE, C. CROITORU, Metode moderne de diagnostic al curgerilor în încăperi. Măsurarea vitezelor cu Imagini de Particule (PIV), Conferința Instalațiile pentru construcții și confortul ambiental, Ediția a VIIIa, 2-3 April 2009 Timișoara.</li> <li>5. V. IORDACHE, A. DAMIAN, I. NASTASE, O. PARJOLEA, C. CROITORU, Masurari de permeabilitate intr-o locuinta individuala, Revista Instalatorul, 10, 2009 - ISSN 1223 - 7418.</li> <li>6. A. VARTIRES, C. CROITORU, D. CAVAROPOL, M. SERBAN, Moisture transfer phenomena in porous materials. Numerical modeling., International Conference on Development, Energy, Environment, Economics (DEEE '10),Puerto De La Cruz, Tenerife November 30-December 2, 2010, Published by WSEAS Press Press www.wseas.org , ISSN 1792-6769, ISBN 978-960-474-253-0, pp. 198-203.</li> <li>7. C. CROITORU, Airflow and heat transfer modeling for a human body by computational fluid dynamics, Journal of Mathematical Modelling in Civil Engineering, nr 1-2, vol 7, March 2011</li> <li>8. C. CROITORU, Numerical and experimental modeling of airflow and heat transfer of a human body. , Roomvent 2011 Conference, Trondheim, Norway.</li> </ol> |