

CURRICULUM VITAE – team member “a” experience in all fields of this research
(Principal Investigator)

1. **First Name and LAST NAME:** Vlad IORDACHE
2. **Birthdates:** 13.04.1975
3. **Country:** Romania
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5. **Study:**
University La Rochelle, Franta - ULR : Nov99 – Ian03 PhD Diploma; Ian99 - Iun99 Master Diploma; Sep99 - Aug02 Attestation de Fin de Monitorat ;
Faculty of Building Services – Technical University of Civil Engineering of Bucharest – UTCB :
Oct05 - Nov05 Post-university course certificate; Oct98 – Iun99 Master diploma; Oct93 - Iun98 Engineer diploma; Oct93 - Iun98 Pedagogical formation certificate;
6. **Working places:**
IUP Genie Civil - Universite de La Rochelle, Franta : oct1999 – sept2002 Research monitor and teaching duties: courses, seminaries, laboratories
Faculty of Building Services – Technical University of Civil Engineering of Bucharest : oct1998- now Researcher and teaching duties: courses, seminaries, laboratories
7. **Scientific title and current work place:** Assoc Prof, PhD, Eng. ; Technical University of Civil Engineering of Bucharest, Romania - Faculty of Building Services – Department of Hydraulic, thermal installations and atmosphere protection
8. **Association affiliation:** American ASHRAE; Romanian SRA; Romanian AIIR;
9. **Languages:** English, French, Romanian
10. **IT competences:** Windows,MSOffice,Matlab,Mathcad,ACAD,Pascal,VisualBasic,C++,Fluent,...
11. **Specialization and research fields:** Indoor Air Quality; Building Permeability; Building Equipment Acoustics; Building thermal and energy studies; Heating and water installations; Technical and research projects reviewer; Research paper reviewer;
12. **Main research projects:** 16 projects (2-principal investigator; 1 co-organizer; 13 participant)
 - National French Project in the Interministerial network Primequal 01nov1999-31dec2002: Exposition des enfants a la pollution atmosphérique en milieu scolaire.
 - National Romanian Project PNII Idei 01oct2007-1dec2010: Sistem predictie a nivelului poluare interior cladirilor corelat cu nivelul de poluare de la exterior.
13. **Main research papers:** about 115 papers (6 in international ISI and BDI journals, 30 in Romanian journals, 22 international conferences, 50 in Romanian conferences, 6 books)
 - Vlad Iordache, Iinca Nastase, Andrei Damian, Iolanda Colda, Average permeability measurements for an individual dwelling in Romania, *Building and Environment (in press)*
 - Nastase I, Meslem A, Vlad Iordache, Colda I, Lobed grilles for high mixing ventilation - An experimental analysis in a full scale model room, *Building and Environment (in press)*
 - Patrice Blondeau, Vlad Iordache, Olivier Poupard, Francis Allard – Relationship between outdoor and indoor air quality in 8 French schools, ''Indoor Air'' Journal -, 2005, vol. 15, no. 1, pp. 2-12(11)
 - O. Poupard, P. Blondeau, Vlad Iordache, F. Allard, Statistical analysis of parameters influencing the relationship between outdoor and indoor air quality in schools, *International Journal Atmospheric Environment 39, (2005), 2071-2080*
 - Vlad Iordache, Statistical prediction model of the outdoor/indoor pollutant transfer, *Journal of Mathematical Modelling in Civil Engineering*, nr 1-2, vol 7, March 2011
 - Vlad Iordache, Outdoor Pollution in Bucharest, *Journal of Mathematical Modelling in Civil Engineering*, nr 1-2, vol 7, March 2011