

INFORMATII PERSONALE

Vlad IORDACHE


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<http://www.cambi.ro/CV%20Vlad%20Iordache.pdf>

Sexul M | Data nasterii 13/04/1975 | Nationalitatea Romana

EXPERIENTA PROFESIONALA

Oct. 2014 - prezent

Profesor universitar

Universitatea Tehnica de Constructii Bucuresti

▪ Activitati didactice si de cercetare

Tipul sau sectorul de activitate Educatie / Cercetare

Oct. 2008 – Sept. 2014

Conferentiar universitar

Universitatea Tehnica de Constructii Bucuresti

▪ Activitati didactice si de cercetare

Tipul sau sectorul de activitate Educatie / Cercetare

Octombrie 2004 - 2008

Sef de lucrari universitar

Universitatea Tehnica de Constructii Bucuresti

▪ Activitati didactice si de cercetare

Tipul sau sectorul de activitate Educatie / Cercetare

Octombrie 2001 - 2004

Asistent universitar

Universitatea Tehnica de Constructii Bucuresti

▪ Activitati didactice si de cercetare

Tipul sau sectorul de activitate Educatie / Cercetare

Octombrie 1999 - 2002

Monitor de cercetare

Universite de La Rochelle, France

▪ Activitati didactice si de cercetare (studii doctorale)

Tipul sau sectorul de activitate Educatie / Cercetare

Octombrie 1998 - 2001

Preparator universitar

Universitatea Tehnica de Constructii Bucuresti

▪ Activitati didactice si de cercetare

Tipul sau sectorul de activitate Educatie / Cercetare

EDUCATIE SI FORMARE

Iun. 2013

Certificat de Abilitare in cercetare

Universitatea Tehnica Gheorghe Asachi din Iasi

- Domeniul Geniu Civil - Calitatea Mediului Interior. Conducere doctorat - ciclul III

Oct. 2005 - Nov. 2005

Certificat de Absolvire Curs Postuniversitar

Universitatea Tehnica de Constructii Bucuresti

- Certificarea si Auditarea Energetica a cladirilor

Oct. 1999 – Ian. 2013

Diploma Doctor in Stiinte

Universite de La Rochelle, France

- Cercetari in domeniul Geniu Civil : Calitatea Aerului Interior

Sept. 1999 - Aug. 2002

Attestation de Fin de Monitorat – Certificat de formare pedagogica

Universite de La Rochelle, France

- Monitor de cercetare (studii doctorale, activitati didactice si cursuri de specializare pedagogica)

Oct. 1998 - Iun. 1999

Diplôme d'Etude Approfondies – Studii de Master

Universite de La Rochelle, France

- Master Européen Grand Atlantique Génie Civil – Option Physique du Bâtiment – Fizica cladirii

Oct. 1998 - Iun. 1999

Diploma de Studii Aprofundate – Studii de Master

Universitatea Tehnica de Constructii Bucuresti

- Confort si Eficienta Energetica in Cladiri

Oct. 1993 - Iun.1998

Certificat de formare pedagogica

Universitatea Tehnica de Constructii Bucuresti

- Cursuri de formare pedagogica

Oct. 1993 - Iun.1998

Diploma de Merit de Inginer

Universitatea Tehnica de Constructii Bucuresti

- Studii in domeniul Inginerie civila – Instalatii si Echipamente

COMPETENTE PERSONALE

Limba Materna

Romana

Alte limbi straine cunoscute

Limba Engleza

Limba Franceza

INTELEGERE		VORBIRE		SCRIERE
Ascultare	Citire	Participare la conversatie	Discurs oral	
C1	C1	C1	C1	C1
TOEFL 570/660.				
C1	C1	C1	C1	C1

Competente comunicare

- Competente comunicare foarte bune : 21 ani de activitate didactica; 50 conferinte; peste 50 sustineri proiecte;

Competente organizatorice si manageriale

- Director Proiect national de cercetare PNII TE 2011: 2011-2014
- Director Proiect national de cercetare PNII IDEI 2007: 2007-2010
- Director Proiect national de cercetare PNII PED 2017: 2017-2018
- Responsabil stiintific Proiect francez national de cercetare PRIMEQUAL PREDIT 1999-2002
- Responsabil stiintific Romanian research project PNII – Cooperare 2008-2011
- Responsabil Partener – Program international de mobilitati TEMPUS WATERMOST
- Participant la aproximativ 25 proiecte de cercetare.
- Organizator Workshop-uri in domeniul “Calitatea Aerului Interior” la Facultatii de Instalatii - UTCB, Bucuresti 25-29 Nov 2007,
- Membru Comitet de Organizare Conferinte Young Researchers Conference ‘10-’13, conferinte Internationale
- Coordonator proiecte de diploma – licenta si dizertatie
- Coordinator practica studenti 1998-2008

Competente legate de servicii

- Standuri experimentale: usa suflanta cu 1 si cu 2 ventilatoare, system de masura poluanti, system de generare poluanti, testate acustice de tamplarie
- Masurari termografie infrarosu: la cladiri, instalatii si echipamente

Competente informatice

- MacOS, Windows, MsOffice, Matlab, ACAD, Programare, EES, altele

Carnet de conducere masina

- B

Alte competente

- Domenii de experienta**
- calitatea mediului interior;
 - calitatea aerului interior;
 - acustica cladirilor si a instalatiilor;
 - Instalatii de incalzire
 - Instalatii sanitare
 - Permeabilitatea la aer a cladirilor
 - Contorizare consumuri caldura;
 - Certificare si auditare energetica;
 - Echilibrari hidraulice;

INFORMATII SUPLIMENTARE

Publicatii

- Peste 150 articole, dintre care: 18 articole in Web of Science (9 reviste si 5 conferinte), peste 25 in reviste BDI, restul in reviste si conferinte necotate;
- WoS Hindex 7 Scopus Hindex 8 Google Hindex 11
- 8 carti, dintre care: 3 unic/prim autor restul coautor

Proiecte

- Peste 25 Proiecte nationale de cercetare dintre care: 3 director proiect, 3 responsabil, restul membru
- Peste 100 Proiecte tehnice in domeniile: acustica cladirii, eficienta energetica, investigatii paramtrii confort in cladiri, permeabilitate la aer a cladirilor,

Asociatii profesionale

- ASHRAE - American Society of Heating, Refrigerating and Air-Conditioning Engineers, -2009
- SRA – Romanian Society of Acoustics www.sra.ro -2008
- SRMTA – Societatea Romana de Mecanica Teoretica si Aplicata - 2013
- AIIR – Romanian association building services engineers - www.aiiro-bucuresti.ro -2006
- OAER – Ordinul Auditorilor Energetici din Romania - 2013

Premii

- Peste 10 premii internationale si nationale: in cadrul confeintelor, premii pentru proiecte de cercetare, premii pentru publicatii de articole in Web of Science, premii pentru cel mai bun articol in revista Building an Environment in 2011
- Certificat de excelenta in Evauari de articole de cercetare “Certificate of Excellence in Reviewing” acordat de revista Energy and Building

Referinte si Acreditari

De la ministerul MDRT din Romania : si MECTS si INTERNATIONALE)

- Auditor energetic autorizat.
- Verificator proiecte instalatii termice.
- Verificator proiecte instalatii sanitare.
- Specialist in cadrul Consiliului Tehnic Permanent pentru Constructii al MDRT pentru activitati specialitate Decizii 10/15.06.2011 si 11/15.06.2011
- Specialist in cadrul Consiliului Tehnic Permanent pentru Constructii al MDRT pentru avizarea agrementelor tehnice Decizii 10/15.06.2011 si 11/15.06.2011

De la ministerul MECTS din Romania

- Evaluator proiecte de tip Grant PNII IDEI Comisia 2 Civile: 6 Pr. in 2008;
- Evaluator proiecte de tip Grant PNII RES. PD Comisia 2 Mecanica: 2 Pr. in 2010
- Evaluator international proiecte de tip Grant – Bulgaria;
- Evaluator proiecte de tip Grant PNII PARTENERIATE Comisia 2 Civile si mecanica
- Membru in Comisia 2 Inginerie Civila si management de specialitate CNATDCU din 2010
- Membru in Comisia 2 Inginerie Civila si management de contestatii CNATDCU din 2016
- Reviewer International ISI Journal « Building and Environment » din 2011
- Reviewer International ISI Journal « Energy and Building » din 2012
- Reviewer International ISI Journal « Energy Savings and Engineerings » din 2018

De la ministerul reviste si conferinte internationale si nationale :

- Editor si Reviewer International ISI Journal « Romanian Journal of Acoustics and Vibration » din 2013
- Editor si Reviewer National CNCIS B+ Journal of Mathematical Modeling in Civil Engineering 21 art. din 2010
- Reviewer National CNCIS C Journal Buletinul Stiintific al UTCB din nov 2010
- Editor si Reviewer National CNCIS B+ Journal Acta Napocensis: Civil and Architectural din mai 2011
- Reviewer First Young Researchers Conference – UTCB 18-19 Nov 2010
- Reviewer International Conference EEVRO – 2013-2017
- Reviewer International Conference CLIMA 2019

ANNEXES

Publications in Web of Science

1.

Air permeability measurements in a Deep Freeze Warehouse

By: Iordache, Vlad; Iordache, Florin

Conference: Conference on Sustainable Solutions for Energy and Environment (EENVIRO) Location: Bucharest, ROMANIA Date: OCT 26-28, 2016 Book Series: Energy Procedia Volume: 112 Pages: 489-496 Published: 2017

2.

Acoustic measurements for two configurations of acoustic casings with applications on ambient noise pollution

By: Tacutu, Laurentiu; Pocola, Adrian; Balan, Mugur; et al.

Conference: 8th International Conference on ENERGY and ENVIRONMENT (CIEM) Location: Bucharest, ROMANIA Date: OCT 19-20, 2017 Book Series: International Conference on Energy and Environment Pages: 129-133 Published: 2017

3.

NEW METHOD FOR QUICK EVALUATION OF THE HEATING ENERGY DEMAND OF RESIDENTIAL BUILDINGS

By: Catalina, Tiberiu; Iordache, Florin; Iordache, Vlad

Conference: 13th International Conference of the International-Building-Performance-Simulation-Association (IBPSA) Location: Chambéry, FRANCE Date: AUG 25-28, 2013 BUILDING SIMULATION 2013: Pages: 3177-3182 Published: 2013

4.

Experimental investigation on the sound pressure level for a high thermal capacity burner during a running cycle

By: Iordache, Vlad; Catalina, Tiberiu

APPLIED ACOUSTICS Volume: 74 Issue: 5 Pages: 708-717 Published: MAY 2013

5.

Permeability measurements of a passive house during two construction stages

By: Iordache, Vlad; Teodosiu, Catalin; Teodosiu, Raluca; et al.

Conference: Conference on Sustainable Solutions for Energy and Environment (EENVIRO - YRC) Location: Bucharest, ROMANIA Date: NOV 18-20, 2015 Book Series: Energy Procedia Volume: 85 Pages: 279-287 Published: 2016

6.

Determining the indoor environment quality for an educational building

By: Mihai, Toderasc; Iordache, Vlad

Conference: Conference on Sustainable Solutions for Energy and Environment (EENVIRO - YRC) Location: Bucharest, ROMANIA Date: NOV 18-20, 2015 Book Series: Energy Procedia Volume: 85 Pages: 566-574 Published: 2016

7.

Acoustic approach for building air permeability estimation

By: Iordache, Vlad; Catalina, Tiberiu
BUILDING AND ENVIRONMENT Volume: 57 Pages: 18-27 Published: NOV 2012

8.

Average permeability measurements for an individual dwelling in Romania

By: Iordache, Vlad; Nastase, Ilinca; Damian, Andrei; et al.
BUILDING AND ENVIRONMENT Volume: 46 Issue: 5 Pages: 1115-1124 Published: MAY 2011

9.

Lobed grilles for high mixing ventilation An experimental analysis in a full scale model room

By: Nastase, Ilinca; Meslem, Amina; Vlad, Iordache; et al.
BUILDING AND ENVIRONMENT Volume: 46 Issue: 3 Pages: 547-555 Published: MAR 2011

10.

IEQ assessment on schools in the design stage

By: Catalina, Tiberiu; Iordache, Vlad
BUILDING AND ENVIRONMENT Volume: 49 Pages: 129-140 Published: MAR 2012

11.

Multiple regression model for fast prediction of the heating energy demand

By: Catalina, Tiberiu; Iordache, Vlad; Caracaleanu, Bogdan
ENERGY AND BUILDINGS Volume: 57 Pages: 302-312 Published: FEB 2013

12.

Statistical analysis of parameters influencing the relationship between outdoor and indoor air quality in schools

By: Poupard, O; Blondeau, P; Iordache, V; et al.
ATMOSPHERIC ENVIRONMENT Volume: 39 Issue: 11 Pages: 2071-2080 Published: APR 2005

13.

Relationship between outdoor and indoor air quality in eight French schools

By: Blondeau, P; Iordache, V; Poupard, O; et al.
INDOOR AIR Volume: 15 Issue: 1 Pages: 2-12 Published: JAN 2005

14.

Real time monitoring of indoor environment quality and energy consumption in a residential building

Toderasc Mihai, Iordache Vlad, Petcu Cristian, Petran Horia,
 ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, (accepted 2018, in press 2019)

15.

Energy analysis of a CHP plant with internal combustion engines, for a district heating system, based on the information from the annual database,

Marcus, Gabriel, Iordache Vlad, Iordache Florin, Ilie Anica,
 EENVIRO ScDoct 3E Conference Bucharest 2018 (accepted Oct 2018, in press 2019)

16.

Urban sound energy reduction by means of sound barriers,

V Iordache, MV Ionita,
 E3S Web of Conferences 32, 01011, accepted Octombrie 2018 (in press 2019)

17.

Fire modelling in a non-ventilated corridor,

MD Lulea, V Iordache, I Nastase,
 E3S Web of Conferences 32, 01011, accepted Octombrie 2018 (in press 2019)

18.

Real scale experimental study for performance evaluation of unidirectional air diffuser perforated panels

L Tăcutu, I Nastase, V Iordache, T Catalina, CV Croitoru
 E3S Web of Conferences 32, 01014, accepted Octombrie 2018 (in press 2019)

Prof. dr. ing. Vlad IORDACHE
 Universitatea Tehnica de Constructii Bucuresti

