

INFORMAȚII PERSONALE

Nastase Ilinca



 Bd. Pache Protopopescu nr 66, sector 2, Bucuresti

 Scrieți numărul de telefon  0733 920 679

 ilinca.nastase@gmail.com

 Scrieți adresa paginii web personale

 Scrieți tipul de messenger pe care-l folosiți (Yahoo, skype etc.) Scrieți numele de utilizator pe messenger (Yahoo, skype etc.)

Sexul feminin | Data nașterii 28.08.1979 | Naționalitatea romana

LOCUL DE MUNCĂ DORIT

UNIVERSITATEA TEHNICA DE CONSTRUCTII BUCURESTI

EXPERIENȚA PROFESIONALĂ

Data	2012-prezent
Ocupatia sau pozitia ocupata	Conferențiar
Denumirea angajatorului si localitatea	Bd Lacul Tei nr 124, Bucuresti 020396
Principalele activitati si responsabilitati	Instalatii de ventilare si climatizare, Ventilatii industriale, Distributia aerului in incaperi si eficienta ventilarii
Tipul sau sectorul de activitate	Invatamant superior
Data	2009-2012
Ocupatia sau pozitia ocupata	Sef de Lucrari
Denumirea angajatorului si localitatea	Bd Lacul Tei nr 124, Bucuresti 020396
Principalele activitati si responsabilitati	Ventilare si climatizare (anii 3 si 4) si al 2-lea semestru din anii universitari 2008/2009 si 2009/2010 la Facultatea de Inginerie a Instalatiilor din cadrul Universitatii Tehnice de Constructii din Bucuresti
Tipul sau sectorul de activitate	Invatamant superior
Data	2007-mai 2009
Ocupatia sau pozitia ocupata	Asistent
Denumirea angajatorului si localitatea	Departamentul de Inginerie si Dezvoltare Industriala, Universitatea La Rochelle, Franta
Principalele activitati si responsabilitati	Cercetare
Tipul sau sectorul de activitate	Invatamant superior
Data	2007-mai 2009
Ocupatia sau pozitia ocupata	Inginer de cercetare
Denumirea angajatorului si localitatea	LEPTIAB Universitatea La Rochelle, Franta
Principalele activitati si responsabilitati	Cercetare
Tipul sau sectorul de activitate	Invatamant superior
Data	Septembrie 2006-august 2007
Ocupatia sau pozitia ocupata	Asistent
Denumirea angajatorului si localitatea	Universitatea La Rochelle si LAPTIAB, Franta
Principalele activitati si responsabilitati	Laboratoare si aplicatii practice in disciplinele: Termodinamica, Topografie, Incalziri, Climatizare, Automatizari, Sisteme frigorifice, Instalatii de incalzire, Informatica si robotica industrială
Tipul sau sectorul de activitate	Invatamant superior
Data	2004-septembrie 2006
Ocupatia sau pozitia ocupata	Suplinitor
Denumirea angajatorului si localitatea	Universitatea La Rochelle si LEPTIAB, Franta
Principalele activitati si responsabilitati	Conducere de seminarii si laboratoare (echivalente cu seminarii de 48 de ore) Departamentul de Inginerie si Mecanica, Universitatea la Rochelle, Franta
	Invatamant superior

Tipul sau sectorul de activitate

EDUCAȚIE ȘI FORMARE

Data
Calificarea obtinuta
Nivelul EQF
Denumirea organizatiei de educatie
si formare
Principalele materii studiate si
abilitatile acumulate

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2003-2007

PhD

Universitatea Tehnica de Constructii Bucuresti si Universitatea La Rochelle

Mecanica fluidelor, tehnici experimentale PIV, LDV, CTA, vizualizari

2007

Universitatea Bordeaux

Formare in domeniul securitatii utilizarii echipamentelor cu laser

2005

Diploma de jurist

Universitatea Ecologica Bucuresti, Facultatea de Drept

Septembrie 2003

Asociatia Francofona de masurare a vitezei laserului

Specializarile PIV, LDV

2002-2003

Master

Universitatea La Rochelle, Franta, Departamentul de Inginerie civila si mecanica

1997-2002

Diploma de inginer

Universitatea Tehnica de Constructii Bucuresti, Departamentul de Inginerie a Instalatiilor in limba franceza

1993-1997

Diploma de bacalaureat

Liceul de Informatica Bucuresti

Matematica-Informatica



COMPETENTE PERSONALE

Limba(i) maternă(e) Romana

Alte limbi străine cunoscute	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Specificați limba străină	C2 – Utilizator experimentat	C2- Utilizator experimentat	C2- Utilizator experimentat	C2 – Utilizator experimentat	C2 – Utilizator experimentat
	Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.				
Specificați limba străină	C2	C2	C2	C2	C2
	Scrieți denumirea certificatului. Scrieți nivelul, dacă îl cunoașteți.				

Competențe de comunicare Usor adaptabila – Fie ca este vorba de mediul de lucru, echipa, echipamentele sau platformele, etc., este intotdeauna dorinta de a incerca/ face ceva nou cea care ma ajuta sa ma adaptez usor la orice situatie.



Competențe organizaționale/manageriale

Abilitati de team-leader

Competențe dobândite la locul de muncă

Expert in tehnici PIV, LDV, CTA, IR . Consultanta tehnica in metrologie.

Competențe informatice

Fluent, Gambit, Ansys CFX, FEHT, SolidWorks, Inventor, AutoCAD, MathCAD, MATLAB, CoolPack, Engineering Equation Solver (EES)

Alte competențe

Membra a asociatiilor profesionale:

- Asociatia Inginerilor de Instalații din Romania (AIIR)
- American Society of heating, cold and Air Conditioning (ASHRAE)
- Francophone Association of Laser Velocimetry (AFVL)
- French Society of Thermal (SFT)
- American Association of Physics (APS)

Permis de conducere

Categoria B

INFORMATII SUPLIMENTARE

Selectie Publicații

1. NASTASE, A. MESLEM, K. ABED-MERAIM, An experimental investigation on the asymmetric evolution of a lobed jet flow, International Journal of Dynamics of Fluids, Vol.2, No.1, 2006
2. MESLEM, I. NASTASE, K. ABED-MERAIM, Experimental investigation of a lobed jet flow mixing performance, Journal of Engineering Physics and Thermophysics , 81 (1) 2008 - ISSN : 1062-0125, et Inzehenerno-Fizicheschii Zhunal 80 (6), 2007
3. NASTASE , A. MESLEM, Vortex dynamics and entrainment mechanisms in low Reynolds orifice jets, Journal of Visualization, 11 (4), 2008
4. NASTASE, A. MESLEM, T. BOWMANS , Vortical structures analysis in jet flows using a classical 2D-PIV system and time resolved visualization image processing, Journal of Flow Visualization and Image Processing, 15 (9), (2008)
5. NASTASE, A. MESLEM, and P.GERVAIS, Primary and secondary vortical structures contribution in the entrainment of low Reynolds number jet flow, Experiments in Fluids, 44, (2008)
6. NASTASE, A. MESLEM, Vortex Dynamics and mass entrainment in turbulent lobed jets with and without lobe deflection angles, Experiments in Fluids, (2010),48 (4)
7. MESLEM, I. NASTASE, F. ALLARD, Passive mixing control for innovative air diffusion terminal devices for buildings, Building and Environment, Volume 45, Issue 12, December 2010,
8. MESLEM, M. EL HASSAN, I. NASTASE, Analysis of jet entrainment mechanism in the transitional regime by time-resolved PIV, Journal of Visualization, 2010
9. Nastase, A. meslem, v. Iordache, I. Colda Lobed grilles for high mixing ventilation - An experimental analysis in a full scale model room, Building and Environment, Volume 46, Issue 3, March 2011
10. V. IORDACHE, I. NASTASE, A. DAMIAN, I. COLDA, Average permeability measurements for an individual dwelling in Romania, Building and Environment, Volume 46, Issue 5, May 2011, Pages 1115-1124
11. M. Boulenouar, A. Meslem, B. Imine, I. Nastase, Numerical study of a turbulent jet flow issued from lobed diffuser, Mechanika, Volume 17, Issue 2, 2011
12. A. Meslem, A. Dia, C. Beghein, M ElHassan, I. Nastase, P. Vialle, Three turbulence models comparison in the prediction of parallel lobed jets for perforated panel optimization, Building and Environment, Volume: 46 Issue: 11 Pages: 2203-2219 DOI: 10.1016/j.buildenv.2011.04.037
13. NASTASE, A. MESLEM, M. EL HASSAN, Image processing analysis of vortex dynamics of lobed jets from three dimensional diffusers, accepted to appear in Fluid Dynamics Research on 5.09.2011
14. M. Kristiawan, A. Meslem, I. Nastase, V. Sobolik, Wall shear rates and mass transfer in impinging jets. Comparison of circular convergent and cross-shaped orifice nozzles, accepted to appear in International Journal of Heat and Mass Transfer on 7.07.2011

Prezentări
Proiecte
Conferințe
Seminarii
Distincții
Afiliari
Referințe

1. CIA-CLIM, Intelligent buildings adaptable to the effects of climate change PN-III-P1-1.2-PCCDI-2017-0391, 2018-2021, (1000 kEuro)
2. CONTUR, Emerging technologies for counteracting effects induced by turbulent flows of fluid media PN-III-P1-1.2-PCCDI-2017-0868, Responsible of the Partner team, 2018-2021, (1000 kEuro)
3. PHANTOM - Passive flow control for heat and mass transfer enhancement of impinging jets PN-III-P4-ID-PCE-2016-0758 Principal Investigator, 2017-2019, (200 kEuro)
4. QUEST - Advanced air diffusion system of the crew quarters for the ISS and deep space habitation systems, STAR-CDI-C3-2016-577, Principal Investigator, 2017-2019, (450 kEuro)
5. SMARTSENSE - Real time SMART application for urban air quality management respecting the SENSitivE categories of population, PN-III-P2-2.1-PED-2016-1285 (150 kEuro), Principal Investigator, 2017-2018 (150 kEuro)
6. AFDPA - Antiflutter Demonstrator with Piezoelectric Actuation, Responsible of the Partner team, PN-II-PT-PCCA-2013-4 (350 kEuro)
7. EQUATOR: Advanced strategies for high performance indoor Environmental QUALiTy in Operating Rooms- PN-II-PT-PCCA-2011-3.2-0512, 2012-2016, Principal Investigator (750 kEuro)
8. INADEVA: INtelligent Air Diffusion for healthy environments: advanced strategies and EVALuation methods - research project PN-II-ID-2011-3-0835, 2011-2016, Principal Investigator (350 kEuro)
9. Terminal inovative devices for HVAC air diffusion– research project PNII RP cod CNCIS 6, 2008-2010, Principal Investigator (150 kEuro)
10. FLUBAT: Suivi et compréhension expérimental des FLUX d'air dans les BATiments – national French research project (1500 kEuro)
11. Optimization of Indoor Environmental Quality & Energy Efficiency in educational facilities using a multi-criteria decision approach PN-II-RU-TE-2012-3-0108, 2013-2015, (200 kEuro)
12. IEQ: Atmospheric pollutants transfer indoors. Tools for indoor pollution level prediction and occupants - PN-II-RU-TE-2011-3-209, 2011-2013, (200 kEuro)
13. MAACH : Advanced methods of analysis and control for hemodynamics with application in peripheral vascular surgery, 2008 –2011, CNMP research (750 kEuro)
14. ECOLOC: Environmental management in urban residential areas in the context of climate change, 2008 –2011, CNMP research grant, (750 kEuro)
15. INDUC : Climatisation à haute induction pour les voitures ferroviaires, 2006- 2008, with Alstom Transport, funded by FEDER, French Government, Poitou Charentes Region, (150 kEuro)
16. INDUBAT: Climatisation à haute induction pour le bâtiment, 2005-2009, with CIAT, funded by ANR and ADEME. (75kEuro)
17. VAICTEUR AIR²: Pour un air sain confortable et économe dans le bâtiment, 2008-2013,funded by OSEO, Project leader: CIAT
18. HAM: Integrated HEAT-AIRFLOW-MOISTURE modeling within enclosures - experimental validation, PN-II-ID-JRP-RO-FR-2012-0071, 2013-2015, (350 kEuro)
19. INSIDE - Innovative strategies of HVAC systems for high indoor environmental quality in vehicles PN-
20. SOLECT - Environment improvement of Sludge dewatering from the wastewater treatment system of SEAU Glina by Optimizing the Local Effluent Capture and Treatment, PN-III-P2-2.1-BG-2016-0158 (100 kEuro)
21. SCOPE-intelligent Solar Collector with Phase change materials intEgration– PN-III-P2-2.1-PED-2016-1154 (100 kEuro)
22. SWAN34 Small Ducted Wind Turbine Equipped with Passive Flow Control Devices - PN-III-P2-2.1-PED-2016-0631 (100 kEuro)

