

PERSONAL INFORMATION



ALINA ADRIANA MINEA

 C. Negri no.62, 700070 IASI (Romania)
 00 40 723 455071  00 40 232 213575
 aminea@tuiasi.ro

Sex Female | Date of birth 15/06/1971 | Nationality Romanian

WORK EXPERIENCE

01/10/2014–Present

professor

Technical University Gheorghe Asachi from Iasi, Iasi (România)

01/03/1998

assistant professor, lecturer, associate professor

Technical University Gheorghe Asachi from Iasi
Bd. D. Mangeron 63, IASI (Romania)

teaching, research

Business or sector Education and research

01/10/1995–28/02/1998

researcher

INTEC SA, Iasi (Romania)

design, research

Business or sector research

EDUCATION AND TRAINING

01/10/1989–15/07/1994

engineer diploma

Technical University Gheorghe Asachi from Iasi
Bd. D. Mangeron, Iasi (Romania)

engineer skills

science applied in heat treatment and plastical processing

01/10/1994–15/07/1995

master in Surface engineering

Technical University Gheorghe Asachi from Iasi, Iasi (Romania)

science applied in Surface engineering

01/10/1994–15/06/1995

pedagogical skills

Technical University Gheorghe Asachi from Iasi, Iasi (Romania)

01/10/1994–25/05/2000

pH D diploma

Technical University Gheorghe Asachi from Iasi, Iasi (Romania)

pH D title in Engineering Sciences

01/02/1996–15/02/1996

Auto Cad user

Auto Desk Center, Iasi (Romania)

design software user

- 01/10/2006–15/07/2007 **master degree in Work health and security**
 Technical University Gheorghe Asachi from Iasi, Iasi (Romania)
 Ergonomics, Ecology of the work environment, Risk assessment, knowledge of legislation and social context in work protection and security
 occupational technology(basic principles, safety)
- 20/02/2007–15/06/2007 **Risk evaluator diploma**
 Technical University Gheorghe Asachi from Iasi, Iasi (Romania)
 risk evaluator in work health and security
- 01/04/2008–08/04/2008 **Fluent training diploma**
 Tensor SRL, Bucuresti (Romania)
 advanced simulation software user
- 01/01/2013–16/09/2013 **habilitation thesis**
 Materials engineering

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C1
French	B1	B2	B1	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference for Languages](http://www.europa.europa.eu/education/languages/framework/index_en.htm)

Communication skills team spirit very good ability to adapt changes good communication skills gained through my experience as teacher

Organisational / managerial skills Sense of organisation (experience in logistics); Good experience in project management; Active scientist due to many projects I was involved; very good experience as organizer of different small events (workshop, summer school); good experience in dealing with conference organization; leadership skills due to my experience as grant manager

Job-related skills good command of quality research programme, good technical skills, good understanding of related and interdisciplinary areas (due to different qualifications obtained)

Computer skills very good command of Microsoft Office™ tools (Word™, Excel™ and PowerPoint™), networking; CFD programmes (Fluent Ansys)

Other skills I am a people-oriented networker, with international contacts (I initiated a scientific network on linkedin.com: Heat Transfer). Also, for few years I work for different journals as member of the Editorial Board, Vice-president of the Advisory Board and reviewer. From 2010 I initiated an annual Special Issue on Heat Transfer at IREME journal.

My experience as reviewer started more than 10 years ago and I worked for different Agencies (from Romania and abroad), journals or conferences. As expert for agencies I worked for: CNCSIS, MCT, ARACIS, European Commission, UEFISCDI etc.

Driving licence B

ADDITIONAL INFORMATION

1. Affiliation at professional organizations,

- member from 2005 in AGIR, ID no. 59980
- member from 2005 in INWES (International Network of Women in Engineering), ID no. IND093
- member from 2004 in EuMat.
- member from 2006 in AdAstra.
- member from 2007 in ASME International, ID no. 9543307

2. Member in Editorial Boards,

- Member in Regional Editorial Board Journal of Thermal Sciences:
<http://thermalscience.vinca.rs/Editorial>
- Editor in chief IREHeat: <http://www.praiseworthyprize.com/fireheat.htm>
- Guest Editor in chief IREME Special Issue on Heat Transfer 2010, 2011, 2012 si 2013:
http://www.praiseworthyprize.com/special_issues.htm
- Editor-in-chief International Journal of Metallurgical Engineering from 2012:
<http://www.sapub.org/journal/editorialboard.aspx?JournalID=1063>
- Member in Editorial Board MEHTA Press: Journal of Engineering, from 2010:
<http://www.mehtapress.com/joe-editorial.html>
- Member in Editorial Board International Scientific Press: Journal of Computations and Modeling, from 2010: http://www.sciencpress.com/journals/jcm/jcm_editorial.html
- Member in Editorial Board Journal of Metallurgical Engineering:
<http://www.me-journal.org/EditorialBoard.aspx>
- Member in Editorial Board International Journal of Advanced Thermofluid Research (IJATR):
http://ijatr.org/index.php?option=com_content&view=article&id=19&Itemid=63
- Member in Editorial Board British Journal of Engineering and Technology (BJET), from 2012:
<http://www.bjet.baar.org.uk/Editorial-Board.html>
- Member in Editorial Board International Journal of Energy and Environment from 2012:
<http://www.naun.org/wseas/cms.action?id=3043>
- Member in Editorial Board International Journal of Mechanics from 2012:
<http://www.naun.org/wseas/cms.action?id=2828>
- Member in Editorial Board American Journal of Energy Engineering from 2013:
<http://www.sciencepublishinggroup.com/journal/editorialboard.aspx?journalid=168>
- Member in Editorial Board American Journal of Heat and Mass Transfer from 2013:
<http://ajhmt.uscip.us/EditorialBoard.aspx>
- Member in Editorial Board Hindawi: Advances in Mathematical Physics, Special issue Micro/Nanoscale Fluid Flow and Heat transfer in 2014-2015:
<http://mts.hindawi.com/guest.editor/journals/amp/mina/>

3. Chairman at international events:

- chairmensession U.2.4. HEAT AND MASS TRANSFER, Conference ASME-ATI-UIT: Thermal and Environmental Issues in Energy Systems 2010, may 2010, Sorrento, Italy: <http://www.ichmt.org/asme-ati-uit-10/images//program.pdf>
- chairman session G: Mechanical Equipment Design and Analysis, Conference IManE 2013, 22-24

May 2013, Iasi, Romania: <http://2013.imane.ro/conference-program/>

- chairman session G: Mechanical Equipment Design and Analysis, Conference IManE 2014, 29-30 May 2014, Chisinau, Rep. Moldova: <http://2014.imane.ro/conference-program/>

4. Organizer of international events:

2010: Summer School on ADVANCES IN HEAT TRANSFER ENHANCEMENT: FROM BASIC TO NANO: <http://www12.tuiasi.ro/facultati/sim/index.php?page=413>

2012: Summer School on ADVANCES IN HEAT TRANSFER ENHANCEMENT: FROM BASIC TO NANO, 2-nd edition: <http://www12.tuiasi.ro/facultati/sim/index.php?page=413>

2014: Summer School on ADVANCES IN HEAT TRANSFER ENHANCEMENT: FROM BASIC TO NANO, 3-rd edition: <http://www12.tuiasi.ro/facultati/sim/index.php?page=413>

5. Member in International Committee at conferences

- SOLARIS 2011: <http://www.fce.vutbr.cz/pst/solaris/committee.html>

- SUSTEM 2011:

http://research.ncl.ac.uk/protem/components/pdfs/SusTEM_proceedings/SusTEM2011_proceedings.pdf

- 10th IASME/WSEAS International Conference on FLUID MECHANICS & AERODYNAMICS (FMA '12), Istanbul, Turkey: <http://www.wseas.org/cms.action?id=1362>

- 10th IASME/WSEAS International Conference on HEAT TRANSFER, THERMAL ENGINEERING and ENVIRONMENT (HTE '12), Istanbul, Turkey: <http://www.wseas.org/cms.action?id=901>

- 5th WSEAS International Conference on Manufacturing Engineering, Quality and Production Systems (MEQAPS '12), Vienna, Austria: <http://www.wseas.org/cms.action?id=1125>

- 8th WSEAS International Conference on Applied and Theoretical Mechanics (MECHANICS '12), Montreux, Switzerland: <http://www.wseas.org/cms.action?id=556>

- 10th WSEAS International Conference on Environment, Ecosystems and Development (EED '12), Montreux, Switzerland: <http://www.wseas.org/cms.action?id=627>

- 7th IASME/WSEAS International Conference on WATER RESOURCES, HYDRAULICS & HYDROLOGY (WHH '12), Kos, Greece: <http://www.wseas.org/cms.action?id=1759>

- 3rd European Conference of Mechanical Engineering Paris, France - ECME '12 : <http://www.naun.org/cms.action?id=980>

- 3rd European Conference of Control, Paris, France - ECC '12: <http://www.naun.org/cms.action?id=399>

- 5th WSEAS International Conference on FINITE DIFFERENCES - FINITE ELEMENTS - FINITE VOLUMES - BOUNDARY ELEMENTS (F-and-B '12) WSEAS Praga 2012: <http://www.wseas.us/conferences/2012/prague/f-and-b/#committee>

- 11th WSEAS International Conference on Fluid Mechanics & Aerodynamics, FMA 2013, Vouliagmeni, Athens, Greece, <http://www.wseas.org/cms.action?id=2498>

- 11th WSEAS International Conference on Environment, Ecosystems and Development, EED 2013, Brasov, Romania: <http://www.wseas.org/cms.action?id=3794>

- 1st International Conference on Computational and Experimental Mechanics, CEM 2013, Dubrovnik, Croatia: <http://naun.org/cms.action?id=4215>

- 6th WSEAS International Conference on Manufacturing Engineering, Quality and Production Systems, Brasov, Romania - MEQAPS '13: <http://www.wseas.org/cms.action?id=3694>

- 7th WSEAS International Conference on CIRCUITS, SYSTEMS, SIGNAL and TELECOMMUNICATIONS, CSST 2013, Milan, Italy: <http://www.wseas.org/cms.action?id=329>

- 13th WSEAS International Conference on Multimedia Systems & Signal Processing, Kuala Lumpur - MUSP '13: <http://www.wseas.org/cms.action?id=3356>

- 9th WSEAS International Conference on Energy, Environment, Ecosystems and Sustainable Development Lemosos - EEESD '13: <http://www.wseas.org/cms.action?id=3053>

- 1st WSEAS International Conference on Industrial and Manufacturing Technologies Vouliagmeni - INMAT '13: <http://www.wseas.org/cms.action?id=2611>

- 1st WSEAS International Conference on Aeronautical and Mechanical Engineering, Vouliagmeni - AEME '13: <http://www.wseas.org/cms.action?id=2645>

- 11th WSEAS International Conference on Heat Transfer, Thermal Engineering and Environment

Vouliagmeni - HTE '13: <http://www.wseas.org/cms.action?id=2543>

- 2nd International Conference on Networks and Systems for Communications, Education and Data Processing, Iwate - NSCED '13: <http://naun.org/cms.action?id=2998>

- 2nd International Conference on Applied Manufacturing, Commerce, Tourism and Services, Baltimore - MCTS '13: <http://naun.org/cms.action?id=5244>

- 1st WSEAS International Conference on Mechanical and Robotics Engineering Vouliagmeni - MREN '13: <http://www.wseas.org/cms.action?id=2628>

- 1st International Conference on Computational Science and Engineering, Valencia - CSE '13: <http://naun.org/cms.action?id=5108>

- 4th International Conference on Fluid Mechanics and Heat & Mass Transfer, Dubrovnik - FLUIDSHEAT '13: <http://naun.org/cms.action?id=4261>

- 4th International Conference on Theoretical and Applied Mechanics, Cambridge, USA - TAM '13: <http://www.naun.org/cms.action?id=2199>

- 1st International Conference on Monitoring and Management of Air Pollution Rhodes - MMAP '13: <http://naun.org/cms.action?id=4556>

- 2013 Winter International Conference of Mining and Metallurgical Engineering (WICMME2013), December 2013, Sanya, China: <http://www.wicmme.org/Organizing.aspx>

- Conference IManE 2014, 27-30 May 2014, Chisniew, Moldavia: <http://www.imane.ro/conference-committees/>

- 5th International Conference on Fluid Mechanics and Heat & Mass Transfer, Lisbon, Fluidsheat 2014: <http://naun.org/cms.action?id=7823>

- 2nd International Conference on Computational and Experimental Mechanics, Florence, CEM 2014, <http://naun.org/cms.action?id=8043>

- 12th International Conference on Heat Transfer, Thermal Engineering and Environment, Geneva, THE 2014: <http://wseas.org/cms.action?id=8446>

- 12th International Conference on Fluid Mechanics & Aerodynamics, Geneva, FMA 2014: <http://www.wseas.org/cms.action?id=8427>

- International Conference on Computer and Systems Engineering Applications, CCSE 2014, 25-26 april Dubai: <http://conferences.standard.org/dubai/ccse/com.html>

6. Awards

-1989:

Fourth prize at Students Scientific Seminar Chemistry fundament of materials science

- 2008:

- Gold medal at PRO INVENT edition VI, 2008, Cluj Napoca for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment.

- Silver medal at Archimed 2008, Moscow, Russia, 1.04-4.04.2008 for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment.

- Bronze medal at INVENTICA 2008 14-24 may 2008, Iasi for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment.

- Gold medal at Sevastopol 2008 25-27 aug 2008, for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment

- Silver medal at Sevastopol 2008 24-28 sept 2008, for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment

- TESLA medal at Novi Sad, 2008 oct 2008, for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment:

- INVENTIKA bronze medal at INVENTIKA 2008, 7-11 oct 2008, Bucuresti for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment:

<http://www.mct.ro/index.php?action=viewart&artid=1885&idcat=641>

- Excellence diploma for improving knowledge and bronze medal at Salon des innovations, des recherches et des nouvelles technologies BRUSSELS EUREKA 13 nov 2008, Banja Luka Bruxelles for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment.

- 2009:

- bronze medal at International fair INFOINVENT 24-27 nov 2009, Chişinău, Rep. Moldova, for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment.

- Gold medal at INVENTIKA 28-31 oct 2009, Bucureşti, România, for patent: Procedure for Heat transfer efficiency in classical electrical furnaces used for medium temperature heat treatment

- 2010:

- Gold medal at International salon of Inventions and new technologies NEW TIME, Sevastopol, Ucraina (23-25 sept. 2010) for patent: Procedure for heat transfer enhancement in oval electrical furnaces used for medium temperature heat treatment.

- 2011:

- Bronze medal at International salon EUROINVENT (14 may 2011) for patent Procedure for heat transfer enhancement in oval electrical furnaces used for medium temperature heat treatment.

- 2013

- Silver medal at Salonul international de inventica PROINVENT, 2013, Cluj Napoca for patent Procedure for heat transfer enhancement in oval electrical furnaces used for medium temperature heat treatment

- BEST REVIEWER for 2012, Journal Applied Energy, ELSEVIER

-NURC awards on published articles:

1. CORRELATION BETWEEN ALUMINIUM ALLOYS PLASTICITY AND HEAT TREATING

TECHNOLOGY: http://www.cncsis.ro/PNCDI%20II/Resursa%20umana/Premiere/Feb08/REZULTATE_PREMIERE_FEBRUARIE%202008.pdf

2. CFD SIMULATION IN AN OVAL FURNACE WITH VARIABLE RADIATION PANELS:

http://www.cncsis.ro/PNCDI%20II/Resursa%20umana/Premiere/August08/REZULTATE_PREMIERE_AUGUST%202008.pdf

3. ANALYTICAL APPROACH TO ESTIMATE THE AIR FLOW RATE IN THE BOUNDARY LAYER OF A HEATED FURNACE WALL

http://www.cncsis.ro/PNCDI%20II/Resursa%20umana/Premiere/August08/REZULTATE_PREMIERE_AUGUST%202008.pdf

4. REDUCING OXIDE LAYER ON ALCU2,5MG TREATED PARTS THROUGH IMPROVING HEAT TRANSFER

http://www.cncsis.ro/PNCDI%20II/Resursa%20umana/Premiere/August08/REZULTATE_PREMIERE_AUGUST%202008.pdf

5. SAVING ENERGY THROUGH IMPROVING CONVECTION IN A CLASSIC HEAT TREATMENT FURNACE

http://www.cncsis.ro/PNCDI%20II/Resursa%20umana/Premiere/Oct08/REZULTATE_PREMIERE_OCTOMBRIE_2008.pdf

6. STUDIES ON HEAT TREATMENT OF AN ALCU4MG1 ALLOY

http://www.cncsis.ro/PNCDI%20II/Resursa%20umana/Premiere/Oct08/REZULTATE_PREMIERE_OCTOMBRIE_2008.pdf

7. EXPERIMENTAL TECHNIQUE FOR SAVING ENERGY IN OVAL FURNACES

[http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE\(1\).pdf](http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE(1).pdf)

8. TECHNIQUES FOR INTENSIFYING HEAT TRANSFER: FROM BASICS TO NANOFUIDS

[http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE\(1\).pdf](http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE(1).pdf)

9. ACTIVE TECHNIQUES FOR IMPROVING HEAT TRANSFER

[http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE\(1\).pdf](http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE(1).pdf)

10. STUDIES ON A COST-EFFICIENT TECHNIQUE FOR INCREASING FURNACES ENERGY EFFICIENCY. ENVIRONMENTAL ASPECTS

[http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE\(1\).pdf](http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/REZULTATE_CUMULATE_ETAPA_II%20-8_IUNIE(1).pdf)

11. ANALYSIS AND FORECASTING OF NONRESIDENTIAL ELECTRICITY CONSUMPTION IN ROMANIA

[http://cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202010/ARTICOLE%202010_15%20OCTOMBRIE%20\(Autosaved\)4martie.pdf](http://cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202010/ARTICOLE%202010_15%20OCTOMBRIE%20(Autosaved)4martie.pdf)

12. INVESTIGATIONS ON ELECTRICAL CONDUCTIVITY OF STABILIZED WATER - AL₂O₃ NANOFUIDS

http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/articole%202012/rezultate%20noiembrie%202012.pdf

13. Electrical and Rheological Behavior Of Stabilized Al₂O₃ Nanofluids,
http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%202%20REACTUALIZATA%2018%20DECEMBRIE%20CAROLINA.pdf

14. Effect of microtube length on heat transfer enhancement of an water/Al₂O₃ nanofluid at high Reynolds numbers, http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202013/LISTA%202%20REACTUALIZATA%2018%20DECEMBRIE%20CAROLINA.pdf

15. Uncertainties in modeling thermal conductivity of laminar forced convection heat transfer with water alumina nanofluids

[http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/Lista%201_REZULTATE%20-%20ACTUALIZATA\(1\).pdf](http://uefiscdi.gov.ro/userfiles/file/PREMIERE_ARTICOLE/ARTICOLE%202014/Lista%201_REZULTATE%20-%20ACTUALIZATA(1).pdf)

-NURC awards on patents:

1. PROCEDEU DE EFICIENTIZARE A PROCESELOR DE TRANSFER TERMIC IN CADRUL CUPTOARELOR ELECTRICE CLASICE

http://www.cncsis.ro/userfiles/file/PREMIERE_ARTICOLE/BREVETE%202009/REZULTATE_BREVETE_ETAPA%20III_2009.pdf

7. Professional experience

- as invited professor:

- at Seconda Universita degli Studi di Napoli in 2009: 5 hours teaching
- at Seconda Universita degli Studi di Napoli in 2010: 5 hours teaching
- at Seconda Universita degli Studi di Napoli in 2013: 10 hours teaching
- in Austria, Leoben University, in 2011: 15 hours teaching
- in Portugal, University of Beira Interior, in 2012: 10 hours teaching
- in France, University of Poitiers, in 2013: 5 hours teaching
- in Portugal, University of Beira Interior, in 2014: 10 ore predare
- in Bulgaria, University UCTM, in 2014: 10 ore predare

- as grants proposals reviewer:

- reviewer CNCISIS from 2004 - 2010(certificate nr.1417/28.11.2005)
- reviewer MCT-excelenta in 2005, 2006
- reviewer AMCSIT, programme Inovare, in 2007
- reviewer CNMP, in 2007, 2008
- reviewer ANCS- Fonduri structurale competition 2009, 2011
- certified reviewer for ARACIS (national agency for quality in academia)
- reviewer ARACIS, internal programme.
- expert EACI-IEE for Intelligent Energy Europe
- expert programme Fp7, HORIZON 2020
- expert HORIZON 2020, in april-may 2014, competition H2020-EE-2014-1-PPP, SPIRE, panel EE18
- raporteur HORIZON 2020, in april-may 2014, competition H2020-EE-2014-1-PPP, SPIRE, panel EE18
- expert HORIZON 2020, in october 2014, competition H2020-LCE-Solar heating-2015-1
- raporteur HORIZON 2020, in october 2014, competition H2020

- as reviewer:

- reviewer for journals: J.Materials Science (Springer); Experimental Mechanics (Springer); Heat and Mass Transfer (Springer); Applied Energy (Elsevier); International Journal of Advanced Manufacturing Technologies (Springer); CRC press, Taylor and Francis; Current Nanoscience (Bentham); Thermal Science; Environmental Engineering and Management Journal; Journal of Materials Processing

Technology (Elsevier), International Journal of Heat and Mass Transfer (Elsevier), Nano Research Letters.

- reviewer international conferences, for example: KGCM 2008, Orlando, USA; WSEAS; IMETI 2009, Orlando, USA; BMIC 2009, Orlando, USA; ASM IMECE 2009, Florida, USA; ASME FEDSM 2010

- *as Erasmus and Erasmus+ coordinator:*

- ERASMUS/ERASMUS+ coordinator for agreement between Technical University Gh. Asachi from Iasi and Seconda Università degli Studi di Napoli, Italy

- ERASMUS/ERASMUS+ coordinator for agreement between Technical University Gh. Asachi from Iasi and Montanuniversität Leoben, Austria

- ERASMUS/ERASMUS+ coordinator for agreement between Technical University Gh. Asachi from Iasi and University of Beira Interior, Portugal

- ERASMUS/ERASMUS+ coordinator for agreement between Technical University Gh. Asachi from Iasi and UCTM, Bulgaria

- ERASMUS/ERASMUS+ coordinator for agreement between Technical University Gh. Asachi from Iasi and Poitiers University, France

- ERASMUS/ERASMUS+ coordinator for agreement between Technical University Gh. Asachi from Iasi and Technical University of Athens, Greece

- Romanian coordinator for Erasmus IP programme with Portugal, Spain and Poland (no 2013-1-PT1-ERA10-16665).

- *Short visits (under 2 weeks) for research in:*

- Portugal, Lisbon

- France, Paris

- Italy: Aversa, Rome, Milano

- Spain, Madrid

- UK, London

- *Invited Key speaker:*

- HTE Conference, Moscow, 2009: <http://www.wseas.org/conferences/2009/russia/hte/Plenary3.htm>

- TEHNOMUS 2013, Suceava, Romania: http://www.fim.usv.ro/conf_1/TEHNOMUS/

- Conference IManE 2014, 27-30 May 2014, Chisinau, Moldavia: <http://www.imane.ro/conference-program/>

- Invited speaker for Summer school in Composite Materials in Portugal in: 2012, 2013, 2014.

- *Others*

- member PhD Thesis Bucuresti 2007

- member committee for concerning the assessment for the position of Associate Professor for Modeling and Control of Energy Systems at Depart. of Technology and Innovation (ITI), SDK, Denmark, 2014.

- member in different committees for high schools master and bachelor studies (bachelor degree, dissertation, internal evaluations, Faculty Board) from 2010.

- member in committees for different exams in the Doctoral School of Faculty of Materials Science and Engineering from 2010.

- member national council of reviewers for academic studies ARACIS:

<http://pfe.aracis.ro/inscriere/registru/evaluator/233/>

- nominated between the 10 finalists of a Romanian teachers gala: GALA PREMIILOR IN EDUCATIE 2010 si 2011, CATEGORIA INVATAMANT UNIVERSITAR, SECTIUNEA PROFESORUL ANULUI:

http://www.premiileineducatie.ro/resources/files/1286980566profesor_universitar.pdf

Research projects, as project manager.

1 Grant no. 275 /31.10.2008

Programme INNOVATION, AMCSIT

Theme title: Technology for manufacturing metallic parts for automobiles with superficial layers

modified by zones

Contractor: PROCOMIMPEX SRL Iași

Project manager: Minea Alina Adriana

2 Grant no. 81 / 01.10.2007

Programme: PNCDI II, IDEAS

Theme title: Experimental and CFD techniques for energy optimization of electric furnaces by modifying inner geometry

Contractor: Technical University Gh. Asachi Iași

Project manager: Minea Alina Adriana

3 Grant no. 5882 / 2006

Programme MCT- EXCELENTA, type Excellence for young researchers

Theme title: Reducing energy consumptions of heating equipments at medium temperatures by intensifying heat and mass transfer

Contractor: Technical University Gh. Asachi Iași

Project manager: Minea Alina Adriana

4 Grant no. 63GR tema 28 / 2006

Programme CNCSIS, type AT (for young researchers)

Theme title: Energy optimization of heat treatment equipments of aluminum alloys by heat transfer efficiency. Metallurgical implications

Contractor: Technical University Gh. Asachi Iași

Project manager: Minea Alina Adriana

Published work summary:

- 28 books/chapters in recognized Publishing Houses, from which 11 are textbooks for students use and 7 are published abroad (Germany, Italy, USA)
- 139 papers published in journals and at conferences, from which 39 articles are already indexed in Web of Science.
- 1 patent
- member at 13 national research grants from which 4 are won in national competition as principal investigator.

More information about published work:

h-index 6 and 82 citations (without self-citations) Source: Web of Science

h-index 6 and 92 citations (without self-citations) Source: SCOPUS

<http://orcid.org/0000-0002-2473-184X>

ResearcherID: C-7307-2009

Scopus Author ID: 23493089800