INFORMAŢII PERSONALE

Razvan Bidoae



Razvan.Bidoae@ugal.ro

Sexul Barbat | Data naşterii | Naţionalitatea Romana

EXPERIENŢA PROFESIONALĂ

2012 – prezent
Conferentiar
Universitatea “Dunărea de Jos” Galati

2018 – prezent
Marine Manager
Bureau Veritas Romania Controle International

2005 – 2018
Technical Office Manager
Bureau Veritas Romania Controle Internationa
l

2003 - 2005
Sef Lucrari
Universitatea “Dunărea de Jos” Galati

2001 – 2003
Resercher
Southern Methodist University, Dallas Texas USA

1990 - 1996
Şef lucrări / Preparator
Universitatea “Dunărea de Jos” Galati

1988 - 1990
Inginer
Şantierul Naval Galati

EDUCAŢIE ŞI FORMARE

1996 – 2000
Ph.D.
Computational Fluid Dynamics
Heat Transfer, Porous Media; Fluid – Solid Interaction
Southern Methodist University, Dallas Texas, USA

1983 – 1988
Inginer Naval
Universitatea “Dunărea de Jos” Galati

COMPETENTE PERSONALE

Limba(i) maternă(e)	Romana				
Alte limbi străine cunoscute	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversaţie	Discurs oral	
Engleza	C2	C2	C2	C1	C1

ANEXA

LISTA COMPLETĂ A LUCRĂRILOR PUBLICATE ȘI A PROIECTELOR DE CERCETARE ȘI EDUCAȚIONALE

TEZĂ DE DOCTORAT

Lungu, A., 1994, *"Numerical Analysis of the Free-Surface Flow around a 2D Submerged Hydrofoil"*, Hiroshima University, Japan

CĂRȚI

1. **Bidoae Răzvan** şi Ionaş Ovidiu Arhitectura Navei – Statica", carte publicată în anul 2004, în "Editura Didactică şi Pedagogică" Bucureşti.
2. **Bidoae Răzvan** Îndrumar pentru Laboratorul de Instalaţii Navele de Bord, îndrumar publicat in anul 2004, în cadrul Editurii Universităţii "Dunărea de Jos" Galaţi.
3. Ceangă, V., Paraschivescu, C., Lungu, A., **Bidoae, Razvan,** 1993, *"Instalații navale de bord"*, Universitatea din Galați

ARTICOLE ȘTIINȚIFICE

1. PE Raad, **R Bidoae** The three-dimensional Eulerian-Lagrangian marker and micro cell method for1he simulation of free surface flows Journal of Computational Physics 203 (2), 66&699
2. Dani Fadda, Peter E. Raad, şi **Răzvan Bidoae** The Diffusion of High Concentrations by Shaking,", Proceedings of the Fluids Engineering Division, Vol. 242, pp. 215-217, Atlanta, GA, November 1996
3. Peter E. Raad, şi **Razvan Bidoae** "Modeling of the three-dimensional wave breaking and solid-fluid interaction,", The 50th Annual Meeting of American Physical Society (APS/DFD '97), San Francisco, CA, November 1997.
4. Peter E. Raad şi **Răzvan Bidoae** "On the Three-Dimensional Surface Marker and Micro Cell Technique," Third International Symposium on Performance Enhancement for Marine Applications, Newport, RI, May 1997
5. **Răzvan Bidoae** şi Peter E. Raad "Dynamics of Two Immiscible Fluids with a Free Surface,"– Proceedings of ASME Fluids Engineering Division Summer Meeting, Washington, DC, June 1998.
6. Peter E. Raad şi **Răzvan Bidoae** "Simulation of Large Wave Interaction with Three-Dimensional Shoreline Structures," International Conference on Tsunamis, Paris, France, May 1998.
7. Peter E. Raad şi **Răzvan Bidoae** "Assessment and Mitigation of Large Wave Damage on Three-Dimensional Shoreline Structures,", 3rd International Tsunami Workshop, Sapporo and Okushiri, Hokkaido, Japan, July 1998.
8. **Răzvan Bidoae** şi P. E. Raad."Mitigation of Large Wave Damage on Shoreline Structures,"– Proceedings of ASME Fluids Engineering Division Summer Meeting, Washington, DC, June 1998
9. **Răzvan Bidoae** şi Peter E. Raad "Interaction of Immiscible Fluids with a Free Surface,"– The 51st Annual Meeting of American Physical Society (APS/DFD '98), Philadelphia, Pennsylvania, November 1998.
10. Peter E. Raad şi **Răzvan Bidoae**."Free Surface Impact with a Porous Medium,"– The 51st Annual Meeting of American Physical Society (APS/DFD '98), Philadelphia, Pennsylvania, November 1998.
11. **Răzvan Bidoae** şi Peter E. Raad."Mitigation of an Oil Slick in open sea and shallow channels,"– Proceedings of ASME Fluids Engineering Division, San Francisco, CA, July 1999.
12. Peter E. Raad, şi **Razvan Bidoae** "Coastal Earthquake Effects: Tsunami" Jane Preuss,– TsuInfo Alert, National Tsunami Hazard Mitigation Program, Vol. 1, No. 6, pp. 6, 1999.
13. **Răzvan Bidoae** şi Peter E. Raad Numerical Simulation of Impact between a Clear Fluid and an Unsaturated Porous Medium," – Proceedings of ASME Fluids Engineering Division Summer Meeting, published on CD-ROM media, San Francisco, CA, July 1999.
14. **Răzvan Bidoae**, Ionuţ Popescu şi Peter E. Raad "Wave Impact and Interaction with Permeable and Moving Solids,"– 1999 ONR Workshop on Free Surface Turbulence and Bubbly Flows, La Jolla, California, 24-26 February 1999
15. Peter E. Raad şi **Razvan Bidoae** "Three Dimensional Wave Interaction with Solids,"– Physics of Fluids, Vol. 11, No.9, pp. s6, 1999.
16. **Răzvan Bidoae** şi Peter E. Raad "Interaction of a Large Solitary Wave with Porous Obstacles,"– 2000 ONR Workshop on Free Surface Turbulence and Bubbly Flows, Pasadena, California, 22-24 February 2000.
17. **Razvan Bidoae** şi Peter E. Raad "Numerical Simulation of Miscible Fluids Mixing Process,", Proceedings of ASME Fluids Engineering Division FEDSM'00, Los Angeles, CA, July 2000
18. **Răzvan Bidoae** şi Peter E. Raad "Three Dimensional Wave Interaction with Porous or Solids Obstacles,", The 53st Annual Meeting of American Physical Society (APS/DFD '00), Atlanta, Georgia 2000.
19. **Răzvan Bidoae** şi Peter E. Raad "Numerical Simulation of Flow Inside an Oscillatory Baffled Tank,", 2000 ONR Workshop on Free Surface Turbulence and Bubbly Flows, San Diego, California, 13-15 February 2001\

© Uniunea Europeană, 2002-2015 | europass.cedefop.europa.eu

20. Peter E. Raad şi **Răzvan Bidoae** "Numerical simulation of debris Transport by a Tsunami Wave," 6rd International Tsunami Workshop, Los Angeles, CA, 2001.
21. **Răzvan Bidoae** şi Peter E. Raad "Induced Solid Obstacles Motion by Hydrodynamic Impact Forces"– The 54st Annual Meeting of American Physical Society (APS/DFD '01), Washington, DC, November 2001.
22. **Răzvan Bidoae**, Remus M. Ciobotaru şi Peter E. Raad "Interaction between a Fluid Free Surface and an Unrestricted Body" - Proceedings of APS Fluids Division Meeting, publicată pe CD-ROM media, Dallas, TX, November 2002.
23. Remus M. Ciobotaru, **Răzvan Bidoae** şi Peter E. Raad "Coupled Dynamics of a Solid Piercing a Fluid Free Surface", - Proceedings of ASME Fluids Engineering Division Summer Meeting, published on CD-ROM media, Montreal, Quebec, Canada, July 2002.
24. **Răzvan Bidoae**, Ciobotaru Remus şi Peter E. Raad "Comparative Study of Hydrodynamic Forces Induced Wave Impacting a Wide Structure," 2000 ONR Workshop on Free Surface Turbulence and Bubbly Flows, Washington, DC, 18-20 February 2002.
25. **Răzvan Bidoae**, Ciobotaru Remus, Peter E. Raad "Solitary Wave generated by an submarine Landslide," Symposium in Tsunami Wave Produced by Submarine Landslide Honolulu, Hawaii, USA, June 15-18, 2003.
26. Remus M. Ciobotaru, **Răzvan Bidoae** şi Peter E. Raad "Interaction of a Single Large Wave with a Tall Fixed Structure,", Proceedings of ASME Fluids Engineering Division Summer Meeting Honolulu, Hawaii, USA, July 6-11, 2003.
27. **Răzvan Bidoae**, Ciobotaru Remus şi Peter E. Raad "An Eulerian-Lagrangian Marker and Micro Cell Simulation Method for Fluid Interactions with Solid/Porous Bodies,", IUTAM Symposium on Integrated Modeling of Fully Coupled Fluid-Structure Interactions Using Analysis, Computations, and Experiments, Rutgers, New Jersy, USA, June 2-6, 2003.
28. Remus Ciobotaru, **Răzvan Bidoae** şi Peter E. Raad "On the Mitigation of a Tsunami Wave Produced by a Submarine Landslide,", Symposium in Tsunami Wave Produced by Submarine Landslide Honolulu, Hawaii, USA, June 15-18, 2003.
29. **Răzvan Bidoae**, Remus M. Ciobotaru şi Peter E. Raad,"Interaction of Free Surface Flows With Unrestrained Solid-Porous Bodies," Proceedings of ASME Fluids Engineering Division Summer Meeting Honolulu, Hawaii, USA, July 6-11, 2003.
30. **Răzvan Bidoae** şi Daniel Virgil Olaru "Numerical Simulation of Free Surface Flows,", Analele Universităţii "Dunărea de Jos" Galaţi, Fascicola XI, Construcţii Navale 2003.
31. Daniel Virgil Olaru şi **Răzvan Bidoae** "Elasto-Plastic Timoshenko-Beam Element," Analele Universităţii "Dunărea de Jos" Galaţi, Fascicola XI, Construcţii Navale 2003.
32. Daniel Virgil Olaru şi **Răzvan Bidoae** "System Analysis Tool Based on ISUM for Ship," Analele Universităţii "Dunărea de Jos" Galaţi, Fascicola XI, Construcţii Navale 2003.
33. Paul S. Krueger, **Răzvan Bidoae** şi Peter E. Raad. "Simulation of Air Entrapement by a Plunging Liquid Jet of Finite Length" Proceedings of ASME Fluids Engineering Division Summer Meeting Charlotte, North Carolina USA, July 11-15, 2004.
34. **Răzvan Bidoae** "Eulerian Lagrangean Marker and Micro Cell Numerical Simulation Method for Free Surface Flows," The 6th International Conference on Hydraulic Machinery and Hydrodynamics, Octomber, 2004
35. **Răzvan Bidoae** Numerical Simulation Of Immiscicible Liquids In The Vecinity Of Free Surface," The 6th International Conference on Hydraulic Machinery and Hydrodynamics Octomber, 2004

GRANTURI DE CERCETARE-DEZVOLTARE CÂȘTIGATE PRIN COMPETIȚIE

1.	**Grant** CTS 9422762. Grant al National Science Foundation, USA	" Experimentally Verified Three-dimensional Free Surface Fluid Simulation pentru Southern Methodist University Dallas, Texas. Perioada grantului: septembrie 1995 – iulie 1997.
2.	**Grant** CMS 9503604 . Grant al National Science Foundation, USA	" Cooperative Research: Local Tsunami Effects and Their Mitigation Measures pentru Southern Methodist University Dallas, Texas. Perioada grantului: august 1996 – august 1998.
3.	**Grant** CMS 9978680. Grant al National Science Foundation, USA	'Cooperative Research: Coastal Effects of Tsunamis pentru Southern Methodist University Dallas, Texas. Grantul s-a desfăşurat în perioada: septembrie 2000 – septembrie 2003.
4.	**Grant** AMTRANS Ac 4701.4.2.2	'Determinarea variaţiei presiunii pe corpul navei şi presiunii maxime în cazul apariţiei slammingului cu tema "Concepţie inovaţie pentru realizarea navelor de transport mărfuri în vrac, cu dublu înveliş care să corespundă noilor standarde europene şi internaţionale pentru creşterea securităţii şi siguranţei în transportul naval," al Ministerului Educaţiei şi Cercetării cu ICEPRONAV Galaţi şi Universitatea "Dunărea de Jos" Galaţi. Perioada grantului: Mai – Octombrie 2004."