

**Facultatea:** Electromecanica Navală

**Departamentul:** Stiinte Ingineresti in domeniul Mecanic si Mediu

**Concurs pentru ocuparea postului:** poz. 23, profesor universitar.

**Disciplinele:** *Onboard systems II, Tehnologii de achizitie si monitorizare, Colectarea si tratarea deseurilor, Evaluarea si simularea situatiilor de urgența in poluarea marina, Instalatii de bord si puncte II*

**Domeniul postului:** *Inginerie Mecanica*

**Post publicat în Monitorul Oficial al României nr. 1304 din 25.11.2015, Partea III**

## L I S T A D E L U C R Ă R I

**Candidat:** PANAITESCU Fănel-Viorel – doctor inginer din 2000, Conferențiar universitar din 2000

1<sup>0</sup> Teza de doctorat

T1: OPTIMIZAREA CAPTARII ENERGIEI VALURILOR IN SCOPUL CONVERSIEI HIDROELECTRICE (110 pagini+Anexa 23pag)

Conducător științific: Prof.univ.dr. ing. BENCHE Victor, Universitatea Transilvania, BRASOV

2<sup>0</sup> Cărți publicate (Ca, Cb, Cc), îndrumare publicate (I1, I2 etc.), capitole publicate în volume colective, capitole teoretice redactate, sisteme de laborator funcționale etc. (D1, D2 etc.), după caz, prin care se aduc contribuții la asigurarea și perfecționarea activităților didactice/profesionale.

### Autor principal

**Ca Panaitescu Viorel**, Panaitescu Mariana, "History and analysis of Black sea incidents", Brochure of the 1st Seminar "Black Sea accidents-analysis of reasons and consequences", Published: Nautica Publish House, 2014. ISBN 978-606-681-034-0 (project 2.2.1.73194.264 "Creation of Interuniversity Centre for risk management and assessment for prevention of ecological and technological risks in the Black Sea"), pp.270.

**Cb Panaitescu Viorel**, Panaitescu Mariana, METHODOLOGICAL GUIDELINE FOR RISK ASSESSMENT AND PREVENTION MANAGEMENT OF ECOLOGICAL AND TECHNOLOGICAL RISK IN THE BLACK SEA, ISBN 978-606-681-051-7. Published: Nautica Publish House, 2014 (project 2.2.1.73194.264 "Creation of Interuniversity Centre for risk management and assessment for prevention of ecological and technological risks in the Black Sea"), pp.70.

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### Coautor

**Ch Vladimir Marascu Klain, Fănel-Viorel Panaitescu**, Mariana Panaitescu, Advances In Environment, Ecosystems & Sustainable Tourism, Proceedings of the 11th international Conference on Environment, Ecosystems and development, BRASOV, Romania, June, 2013, ISSN 2227-4359, ISBN978-1-61804-195-1, 333pag.

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**Cj** Panaitescu, M., **Panaitescu, F.-V.**, Omocea, I., Flow in marine engineering, Editura Paideea, Colectia Stiite Ingineresti, Bucuresti, 2001, ISBN 973-596-024-9, 143 pag.

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**Cp** Panaitescu M., **Panaitescu, F.-V.**, Hidraulica. Teorie si aplicatii in ingineria mediului, Editura Nautica, ISBN 978-606-8105-57-4, 2011, 287pag.

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**Cs** Panaitescu, M., **Panaitescu, F.-V.**, Instalatia de ancorare. Indrumar de proiectare, Tipografia I.M.C., Constanta, 1996, 69 pag.

**Ct** Panaitescu, M., **Panaitescu, F.-V.**, Schimbatoare de caldura. Indrumar de proiectare, Tipografia I.M.C., Constanta, 1997, 27 pag.

### **Suporturi de curs in format electronic**

**Cu** **Panaitescu, F.-V.** MASINI SI INSTALATII NAVALE, 2011, 206 pag.

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**Cx** **Panaitescu, F.-V.** Course **NAVAL SYSTEM**- Suport Curs in limba engleza format electronic la disciplina "NAVAL INSTALATIONS", 87 pag

**Cy** **Panaitescu, F.-V.** Course **SHIP'S AUXILIARY MACHINERY PLANTS** Suport Curs in limba engleza format electronic la disciplina "INSTALATII DE BORD SI PUNTE 2", 74 pag.

**Cz** **Panaitescu, F.-V.** Suport Curs in limba romana format electronic la disciplina "EVALUAREA SI SIMULAREA SITUATIILOR DE URGENTA IN POLUAREA MARINA", 52 pag.

**Cza** **Panaitescu, F.-V.** Suport Curs in limba engleza format electronic la disciplina "MARINE ENVIRONMENT AND OFFSHORE EMERGENCY MANAGEMENT", 47 pag.

**Czb** **Panaitescu, F.-V.**, Panaitescu, M., Dragomir, I., MASINI SI INSTALATII NAVALE, Editura ExPonto, Constanta, 2000, ISBN 973-644-243-8, 314 pag.

**Czc** **Panaitescu, F.-V.** Suport Curs format electronic la disciplina "INGINERIA VANTULUI", 131 pag.

### **Îndrumare laborator publicate**

**I1** **Panaitescu Fanel-Viorel**, Panaitescu Mariana, Proiectarea schimbatoarelor de caldura, Indrumar de proiectare la disciplina Termotehnica si Masini Termice, Litografie IMC, 1994

**I2** Proiectarea instalatiei de ancorare, Litografie IMC, 1997

**I3 Tehnologii de achiziție și monitorizare a factorilor de mediu:** Îndrumar de laborator, Editura Nautica Constanta, 2014, ISBN 978-606-681-041-8, pp.95.

### **Sisteme de laborator functionale**

**D1** Dezvoltator Simulator Situatii de Urgenta PISCES II (Potential Incident Simulator, Control and Evaluation System), TRANSAS LTD; disciplinele „EVALUAREA SI SIMULAREA SITUATIILOR DE URGENTA IN POLUAREA MARINA” si „MARINE ENVIRONMENT AND OFFSHORE EMERGENCY MANAGEMENT”

**D2** Laborator disciplinele" INSTALATII MECANICE HIDRAULICE SI FRIGORIFICE NAVALE" si "INSTALATII NAVALE"

**D3** Laborator la disciplinele "NAVAL SYSTEMS" si "SHIP'S AUXILIARY MACHINERY PLANTS"

**D4** Laborator disciplina "TEHNOLOGII DE ACHIZIȚIE ȘI MONITORIZARE A FACTORILOR DE MEDIU"

**D5** Laborator disciplina „INGINERIA VANTULUI”

**D6** Laborator disciplina „Sisteme de Energii Neconventionale”

**D7** Proiectant Poligon de antrenament pentru Cursul IMO PSI

**Nota:** prezentarea detaliata a fiecarei lucrari de laborator se gaseste in Anexa IV.

<sup>3<sup>0</sup></sup>Articole/studii publicate: a) în reviste de specialitate de circulație internațională recunoscute cotate ISI sau indexate în baze de date internaționale specifice domeniului, care fac un proces de selecție a revistelor pe baza unor criterii de performanta (Ris); b) înalte reviste de specialitate de circulație internațională(Rio); c)în reviste din țară recunoscute C.N.C.S.I.S. (Rns); d) înalte reviste de specialitate de circulație națională(Rno); b,c,d-inclusiv indexate în baze de date internaționale recunoscute.

Obs. – Grupe distincte, în ordinea de mai sus.

**Ris1** Panaiteescu Fanel-Viorel, Panaiteescu Mariana, Budea Sanda, Optimization of Waves Flow On Slopes in view of the Problematic Hydroelectric Energy Conversion, 2nd International Conference on Science, Technology and Management (ICSTM-15) ISBN: 978-81-931039-6-8, University of Delhi, India

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**Ris2** F.V. Panaiteescu, M. Panaiteescu, I.Voicu & I.I. Panaiteescu, Training for Environmental Risks in the Black Sea Basin, TransNav, the International Journal on Marine Navigation and Safety of Sea Transportation,2014, 10.12716/1001.08.02.05

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**Ris4** Panaiteescu Fanel-Viorel, Panaiteescu Mariana, Deleanu Dumitru, About ecological technologies applicability in closed and open spaces, WSEAS, PARIS, DEEE'13, Proceedings of the 4th International Conference on Development, Energy, Environment, Economics (DEEE'13), pub.in volume Mathematics and computers in Science and engineering series, no 19, pp.163-168, ISSN 2227-4588, ISBN 978-960-474-343-8, Paris, 2013,

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- Ris7** Deleanu D, Panaitescu F.V., Controlling chaos in biological populations with non-overlapping generations, Proceedings of the 4th European Conference of control,, Paris, (ECC'13), publ. In Journal "Recent advances in Electrical engineering series, no.26, pp.67-72, ISSN 170-5117, ISBN 978-960-474-341-4, 2013.  
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- Ris8** Panaitescu Ileana-Irina , Panaitescu Mariana, Panaitescu Fanel-Viorel ,Enache Iulia-Alina , Using PC simulation for flow sensitivity analysis with application to a wastewater treatment plant, Global journal on Advances in Pure and applied Sciences. Source: Global Conference on Environmental Studies, CENVISU, Antalya, Turcia, AWER Procedia Advances in Applied Sciences Journal, vol.1, ISSN:2301-2706, AP-AAS, , 2013.  
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- Ris9** Panaitescu Ileana-Irina , Panaitescu Mariana, Panaitescu Fanel-Viorel , Stan Liviu-Constantin , Iovanel Raluca, Adaptation of wastewater treatment industry chemical process technologies, Global Conference on Environmental Studies, CENVISU, Antalya, Turcia, AWERProcedia Advances in Applied Sciences Journal, vol.1, ISSN: 2301-2706, AP-AAS,  
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5<sup>0</sup> Brevete de invenție (B1, B2 etc.).

N/A

6<sup>0</sup> Proiecte de cercetare-dezvoltare-inovare: a) obținute prin competiție pe bază de contract/grant în țară/străinătate (Pn-naționale, Pi-internaționale); b) alte lucrări de cercetare-dezvoltare (F1, F2 etc.), după caz.

**Pn1** Director grant Partener Universitatea Maritima Constanta ”Platforma de cercetare si dezvoltare tehnologica pentru obtinerea de insecticide ecologice”; CEEX BIOTECH nr. 144/15.09.2006; Perioada 2006-2009; Suma 260.000 lei (74222eu)

**Pn2** Membru (Technical support) Grant CEEX RELANSIN 103/3.10.2005” Cercetari multidisciplinare privind modelul teoretic si experimental al unei electrocentrale ecologice bazate pe energia valurilor marine”; Perioada 2005-2008, valoare 200.000 lei(60.345euro)-

**Pn3** Membru Grant “ORIZONT 2000”, Sept. 2000-iunie 2002

Pn4 Cercetator membru Grant, “Studiul curgerilor in ingineria marina”, Iunie 2000-dec.2000

Pn5 Membru Grant “Studiul curgerii turbulente in apropierea unui perete solid”, Sept.1999-iunie 2000

**Pi1** Responsabil partener Grant “Creation of Interuniversity Centre for Risk Management and Assessment for prevention of ecological and technological risks in the Black Sea” acronim IUCRISKMAN Apl.ref.2.2.1.73194.264, finantat in cadrul Programului Operational Comun Bazinul Marii Negre 2007-2013 valoare 85000 euro

7<sup>0</sup> Creații artistice prezentate la manifestări recunoscute (A1, A2 etc.), precum și, după caz, alte lucrări similare - articole/studii publicate în volumele unor manifestări științifice naționale, lucrări prezentate la diferite seminarii/expozitii și nepublicate (E1, E2 etc.) etc.

Nu

*Notă*

(1) Fiecare lucrare este prezentată, în limba în care a fost publicată/expusă, corespunzător structurii “I, II, III, IV, V, VI”, unde: I este indicativul (T1, T2 etc.; C1, C2 etc. ...), care se scrie “bold” la lucrările realizate după acordarea ultimului titlu didactic/grad profesional ( **C1, I1** etc., după caz) și vor fi și/sau „subliniate” cele realizate în ultimii 5 ani (C1, B2 etc.); II - autorii în ordinea din publicație, cu scriere “bold” a **candidatului**; III – *titlul*, scris “italic”; IV - editura sau revista sau manifestarea și/sau alte elemente de localizare, după caz (ISI, Baza de date de indexare, ISSN/ISBN etc.); V - intervalul de pagini din publicație, respectiv, pp ...-..., numărul total de pagini, respectiv, ... pg., sau alte date similare, după caz; VI - anul sau perioada de realizare, după caz.

(2) În cadrul fiecărui grup de lucrări (C1, C2 etc.; I1, I2 etc. ; ...), lucrările sunt în ordine invers cronologică.

(3) Se va utiliza simbolizarea din Anexa 23.

Confirm autenticitatea

**Candidat**, Conf.univ.dr.ing. Panaitescu

Departement Stiinte ingineresti in domeniul Fanel-Viorel

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Data

Semnătura