

<i>Name, academic position and degree</i>
Georgi Tomov Tomov, Master degree ,Naval Architect
<i>Affiliation – research organization, department</i>
Bulgarian Academy of Sciences, Institute of Metal Science, Equipment and Technologies „Acad. A. Balevski“ with Bulgarian Ship Hydrodynamic Centre - Varna, Design Department
<i>Education</i>
2013-2016 – PhD student: Technology and organization of shipbuilding and ship repair at Technical University – Varna
2011-2012 – Master engineer: Naval Architect at Technical University – Varna
2007-2011 - Bachelor engineer: Naval Architect at Technical University – Varna
<i>Academic positions in the last five years</i>
From 7.2014 Engineer - shipbuilding and repair Bulgarian Academy of Sciences, Institute of Metal Science, Equipment and Technologies „Acad. A. Balevski“ with Bulgarian Ship Hydrodynamic Centre – Varna in design department
<i>Main research area and subareas</i>
Technology and organization of shipbuilding and ship repair
<i>Additional research areas and subareas</i>
Study the reconditioning process of ship machines by means of selective plating (“Brush-plating”).
<i>Specializations abroad and international collaborations</i>
<i>Scientific awards and membership in scientific societies</i>
Member of Scientific and Technical Union – Varna

<i>Name, used in publications in foreign language: Georgi Tomov</i>
<i>H index (according to Scopus or Web of Science):</i>
<i>Internet address with list of scientific publications (ResearcherID, Research gate, etc.):</i> G. Tomov, M. Manov, H. Skulev, “Investigation of protective coating morphology applied on ferrous based sintered materials”, “Fifth national conference with international participation materials science, hydro - and aerodynamics and national security ’2015”, section “Hydro - and Aerodynamics”, Varna, October, 2015, p.268 http://ims.bas.bg/wp-content/uploads/2015/05/K5_titul_sadarganie-2015.pdf G. Tomov, M. Manov, H. Skulev, “Application of brush-plating in ship repair”, “Fifth national conference with international participation materials science, hydro - and aerodynamics and national security ’2015”, section “Hydro - and Aerodynamics”, Varna, October, 2015, p.240 http://ims.bas.bg/wp-content/uploads/2015/05/K5_titul_sadarganie-2015.pdf
<i>Total number of scientific publications:2</i>
<i>From them with impact factor or impact rang:</i>
<i>Number of citations of the scientific publications: 1</i>
<i>Number of scientific publications in the last five years:2</i>

From them with impact factor or impact rang:
Number of citations of the scientific publications in the last five years: 1

Selected scientific publications in the field of the research project

E-mail address for registration in the database of the Bulgarian National Science Fund
g.tomov@bshc.bg

Participation in projects supported by BNSF in the last five years

Competition (type and year):
Number and date of the contract:
Title:
Project coordinator:
Status of the project: (running, with intermediate or final report under review, completed)
Evaluation of the project implementation (for completed projects):

Participation in projects supported by other sources in the last five years

Financing organization:
Type of the competition and year:
Number or acronym of the project:
Title:
Project coordinator:
Status of the project: (running, with intermediate or final report under review, completed)

References

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2. V. Voytkunsky, Y. Fadeev, K. Fedyaevsky, “*Hydrodynamics*”, Shipbuilding, Saint Petersburg, 1988
3. P.N.Joubert, “*Some Aspects of Submarine Design*”, Part 1. Hydrodynamics, DSTO Platforms Sciences Laboratory, 2004
4. M. Renilson, “*Submarine Hydrodynamics*”, Springer Briefs in Applied Sciences and Technology, ISBN 978-3-319-16183-9, 2015
5. Jagadeesh P., Murali, “*RANS Predictions of Free Surface Effects on Axisymmetric Underwater Body*”, Engineering Applications of Computational Fluid Mechanics, Vol. 4, No. 2, pp. 301-313, 2010
6. A. Ali, M. Karim, “*Numerical study of free surface effect on the flow around shallowly submerged hydrofoil*”, *Proceedings of MARTEC 2010, The International Conference on Marine Technology, 11-12 December 2010, BUET, Dhaka, Bangladesh*

7. B. Ferreira, M. Pinto, A. Matos, N. Cruz, “*Hydrodynamic modeling and motion limits of AUV*”, MARES, FEUP – DEEC, 2011
8. “*Fluid Mechanics Submarine Design*”, Australian Maritime College, 2011
9. Han-Lieh Liu, Thomas T. Huang, “*Summary of DARPA Suboff Experimental Program Data Experimental Program Data*”, Naval Surface Warfare Center, CRDKNSWC/HD-1298-1998
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14. N. Patel et.al., “*Simulation Model of an Autonomous Underwater Vehicle for Design Optimization*”, 45th AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics & Materials Conference , Palm Springs, CA, USA,2004
15. A. Phillips, M. Furlong, S. Turnock, “*The Use of Computational Fluid Dynamics to Determine the Dynamic Stability of an Autonomous Underwater Vehicle*”, Proceedings of the Institution of Mechanical Engineers, Part M: Journal of Engineering for the Maritime Environment | Volume:224, (4), 2010
16. J. Riedel, A. Healey, “*Model based predictive control of auvs for station keeping in a shallow water wave environment*”,
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.33.8474&rep=rep1&type=pdf>
17. M. Renilson, D. Ranmuthugala, E. Dawson, B. Anderson, “*Hydrodynamic design implications for a submarine operating near the surface*”, Warship 2011: Naval Submarines and UUVs, Bath, UK, 29 – 30 June, 2011, ISBN No: 1-905040-86-5