Name, academic position and degree
Aleksandrina Zaharieva Vasileva, Master degree ,Naval Architect
Affiliation – research organization, department
Bulgarian Academy of Sciences, Institute of Metal Science, Equipment and Technologies „Acad. A. Balevski“ with Bulgarian Ship Hydrodynamic Centre - Varna
Education
2012-2015 – PhD student: Ship Theory at Technical University – Varna 2011-2012 – Master engineer: Naval Architect at Technical University – Varna 2007-2011 - Bachelor engineer: Naval Architect at Technical University – Varna
Academic positions in the last five years
From 11.2011 Engineer - shipbuilding and repair Bulgarian Academy of Sciences, Institute of Metal Science, Equipment and Technologies „Acad. A. Balevski“ with Bulgarian Ship Hydrodynamic Centre - Varna
Main research area and subareas
Scientific and applied research - Technical Sciences
Additional research areas and subareas
Resistance, CFD
Specializations abroad and international collaborations
ANSYS Convergence Conference - Workshop, 9-12 June 2015, Thessaloniki, Greece
Scientific awards and membership in scientific societies
First prize for scientific and theoretical work in a competition for the best theoretical and applied research development in honor of May 24, Bulgarian Academy of Sciences, Institute of Metal Science, Equipment and Technologies „Acad. A. Balevski“ with Bulgarian Ship Hydrodynamic Centre - Varna St. Kyulevcheliev, A.Vasileva Member of Scientific and Technical Union - Varna

Name, used in publications in foreign language: ***Aleksandrina Vasileva***
H index (according to Scopus or Web of Science):
Internet address with list of scientific publications (ResearcherID, Research gate, etc.): Vasileva A. Trim optimization of ship using model test and CFD calculations, - приета за печат в списания „Инженерни науки“ – „Engineering sciences”2016, Българска Академия на Науките Vasileva A. Study of the Effect of Trim on Ship Powering Performance, International Journal of

Machine, Technologies, Materials, Year IX, Issue 7/2015, ISSN 1313-0226, pp.21-24, 2015

Vasileva A. Study of the Effect of Trim on Ship Powering Performance, International Conference Trans&MOTAUTO'15, 24-27.06.2015 - Varna-Bulgaria, Proc. of the Conference, vol.3, pp.(151-154), ISSN:1310-3946

Kyulevcheliev S., Vasileva A., Georgiev S., FEATURES OF RESISTANCE AND FLOW AROUND SHIPS AT VARIED DRAFT AND TRIM, 12-th International Conference Black Sea 2014, 25-27 September, Varna, Bulgaria, ISSN 1314-0957, pp. 120 – 123

Kyulevcheliev S., Vasileva A., MULTI-OBJECTIVE CONSIDERATION OF SHIP TRIM OPTIMIZATION, 12-th International Conference Black Sea 2014, 25-27 September, Varna, Bulgaria, ISSN 1314-0957, pp. 99 – 103

Кюлевчелиев С., Василева А., ТУ-Варна, Георгиев С., ЦХА-БАН, ХИДРОДИНАМИЧНИ СРЕДСТВА ЗА ПОВИШАВАНЕ НА ЕНЕРГИЙНАТА ЕФЕКТИВНОСТ НА КОРАБИТЕ, Известия на СУБ – Варна, Секция "Технически науки"2013

Kyulevcheliev S., Vasileva A., FEATURES OF SHIP FLOW AND RESISTANCE IN CASE OF BOW BULB CLOSE TO OR INTERSECTING THE FREE SURFACE, Годишник на ТУ – Варна, Том 3, 2013

Kyulevcheliev St., Vasileva A., PARAMETRIC NUMERICAL INVESTIGATIONS OF THE WAVE RESISTANCE OF HIGHSPEED CATAMARANS, Third International Congress “50 Anniversary Technical University of Varna”, 04-06 October, Varna, Vol. 5, ISBN 978-954-20-0554-4 Vol.5, p. 130, 2012

***Total number of scientific publications**:7*
***From them with impact factor or impact rang**:*
***Number of citations of the scientific publications**:*
Number of scientific publications in the last five years:7
***From them with impact factor or impact rang**:*
***Number of citations of the scientific publications in the last five years**:*

E-mail address for registration in the database of the Bulgarian National Science Fund
a.vasileva@bshc.bg
Participation in projects supported by BNSF in the last five years

Participation in projects supported by other sources in the last five years
Financing organization: Bulgarian Academy of Sciences **Type of the competition and year: Research project - 2016** **Number or acronym of the project: ДФНП -198 from 14.05.2016** **Title: Numerical investigation of influence of the trim on the powering performance of the ship** **Project coordinator: Assoc.Prof.Dr, Stefan Kyulevcheliev**

Status of the project: running
Financing organization: **State budget – Technical University - Varna** **Type of the competition and year:** **2013** **Number or acronym of the project:** **НП11/2013 TU-Varna** **Title:** **Investigation of possibility of reduction the ship resistance with air lubrication** **Project coordinator:** **Assoc.Prof.Dr, Stefan Kyulevcheliev** **Status of the project:** completed
Financing organization: **State budget to support PhD students - Technical University - Varna** **Type of the competition and year:** **2014** **Number or acronym of the project:** **ПД17/2014 TU-Varna** **Title:** **Investigation of the influence of trim on ship energy efficiency by numerical simulation (CFD)** **Project coordinator:** **Assoc.Prof.Dr, Stefan Kyulevcheliev** **Status of the project:** completed
Financing organization: **Operational programme "Human Resources Development"** **Type of the competition and year:** **Period of participation 04.2014-10.2014** **Number or acronym of the project:** **BG051PO001-3.3.06-0005** **Title:** **Development potential of PhD students, young researchers and graduate students of engineering at the Technical University of Varna and their contribution to the development of a knowledge-based economy in the operational program "Human Resources Development"** **Project coordinator:** **Prof. Dr. Ventcislav Valchev** **Status of the project:** completed