



**BULNAS**



## CONFERENCE OF EUROPEAN MARITIME RESEARCH, INNOVATION AND COMPETITIVE GROWTH OF SMALL AND MEDIUM SIZED ENTERPRISES

17 May 2017, Varna, BULGARIA

**Organized by:** Technical University of Varna,  
Bulgarian National Association of  
Shipbuilding and Shiprepair,  
Marine Cluster Bulgaria and  
EU Funded Project SHIPLYS

**Dedicated to:** the 55<sup>th</sup> Anniversary of Technical University of Varna and  
European Maritime Day



**Venue: Hotel "Cherno More"**



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For the fourth consecutive year, the Technical University of Varna promotes the European Maritime Day by organizing a conference. This year this event is jointly organized by the Technical University of Varna, Bulgarian National Association of Shipbuilding and Shiprepair, Marine Cluster Bulgaria and EU funded Projects SHIPLYS and it is dedicated to the three major European research areas - blue growth, innovation and development of SMEs in marine and maritime sectors.

**Blue Growth** is the long-term European strategy to support the marine and maritime sectors that have a high potential for sustainable jobs and growth, such as: aquaculture; coastal tourism; marine biotechnology; ocean energy; seabed mining.

**Innovation** across all sectors of the blue economy is crucial for realising its growth and jobs potential. Innovation can also bring about significant environmental benefits.

**Small and Medium-sized Enterprises (SMEs)** are the backbone of Europe's economy, providing 85 % of all new jobs. The European Commission aims to promote entrepreneurship and improve the business environment for SMEs, to allow them to realise their full potential in today's global economy.

09.00 – 09.30	Registration
09.30 - 09.50	Opening: <i>Nikolay MINCHEV, TECHNICAL UNIVERSITY OF VARNA; Ivan DASKALOV, BULNAS; Ilze ATANASOVA, MARINE CLUSTER BULGARIA</i>
09.50 - 10.10	Deep water energy from Black Sea – achievements and challenges – <i>Lyudmil STOEV, Keppel FELS BALTECH, Ltd, Varna, Bulgaria</i>
10.10 – 10.30	BLUE NET- Maritime Clusters Network for Blue Growth, objectives and development - <i>Ilze ATANASOVA, MARINE CLUSTER BULGARIA</i>
10.30 – 11.00	Coffee break
11.00 – 11.20	SHIPLYS – Ship life cycle software solutions for advance ship design and production - <i>Ujjwal BHARADWAJ, THE WELDING INSTITUTE, Cambridge, UK</i>
11.20 – 11.50	SHIPLYS – Conceptual Ship design accounting for risk-based life cycle assessment - <i>Yordan GARBATOV, UNIVERSITY OF LISBON, Lisbon, Portugal</i>
11.50- 12.20	SHIPLYS – Production assessment, structural performance of redesign, technology investment and software integration - <i>Thomas KOCH, ATLANTEC ENTERPRISE SOLUTIONS, Hamburg, Germany</i>
12.20 – 13.00	Discussion
13.00 – 14.00	Lunch



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14.00 – 14.20	Black Sea gas hydrates and production technologies - <i>Atanas VASILEV, BAS – INSTITUTE OF OCEANOLOGY, Varna, Bulgaria</i>
14.20 – 14.40	MENTOR - Blue Career Centre of Eastern Mediterranean and Black Sea – <i>Radul KOVACHEV, MARINE CLUSTER BULGARIA</i>
14.40 – 15.00	Innovation capacity and potential of BSHC in following the new tendencies in marine research and design – <i>Rumen KISHEV, BULGARIAN SHIP HYDRODYNAMICS CENTRE, Varna, Bulgaria</i>
15.00 – 15.30	Coffee break
15.30 – 15.50	3D Scanning time-saving and quality improving technology in retrofit of the ships - <i>Georgi MARINOV, IHB SHIP DESIGN, Varna, Bulgaria</i>
15.50 – 16.10	Strength assessment of side shell ship hull structure subjected to collision – <i>Lyubomir TOSHKOV &amp; Krasimir CHAKAROV, MARINO CONSULTING Ltd, Varna, Bulgaria</i>
16.10 – 16.30	Traits of innovative outsourcing in ship engineering – <i>Yuriy ZHUKOV &amp; Elena ZHUKOVA, VARNA SHIP DESIGN, Varna, Bulgaria</i>
16.30	Closing



EU Funded Project BLUE NET- Maritime Clusters Network for Blue Growth

*Call ID: EASME/EMFF/2015/1.2.1.7 - Projects in the context of the Integrated Maritime Policy in the Black Sea and/or Mediterranean Sea regions*



**Blue Career Centre  
of Eastern Mediterranean  
& Black Sea**

*Mentoring for the Sea*

EU Funded Project MENTOR - Blue Career Centre of Eastern Mediterranean and Black Sea

*CALL ID: EASME/EMFF/2016/1.2.1.2 - Blue Careers in Europe*



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