



GALATI NAVAL ARCHITECTURE 2019

GNA 2019, November 21st-23rd

Conference program

Thursday, November 21st

11⁰⁰ Registration & Welcome reception

12⁰⁰ Opening session speech – Prof. Costel Iulian Mocanu, Dean of the Faculty of Naval Architecture

Shipbuilding industry partners presentations, Towing Tank Conference Room

12¹⁵ VARD Braila

12³⁰ NASDIS Galati

12⁴⁵ BUREAU VERITAS Romania

13⁰⁰-14⁰⁰ *Lunch*

14⁰⁰ ICEPRONAV Engineering Galati

14¹⁵ SDG Galati

14³⁰ DAMEN SHIPYARD Galati

14⁴⁵ GLO MARINE Galati

15⁰⁰ NAVYK Galati

15¹⁵ VARD Tulcea

15³⁰ NAPA Romania

18⁰⁰ *Dinner at First Club Restaurant – Danube Stars Hotel*



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Friday, November 22nd 2019

Keynote speakers session, Towing Tank Conference Room

9⁰⁰ Prof. Costel Iulian Mocanu

9¹⁵ PhD. Jean Sever Popovici

10⁰⁰ Dipl. Eng. Florin Spataru

10¹⁵ PhD. Sorin Brazdis

10³⁰ *Coffee break*

10⁴⁵ Prof. Remus Zagan

11⁰⁰ Prof. Dan Obreja

11¹⁵ Prof. Leonard Domnisoru

Scientific papers presentations, Towing Tank Conference Room

11³⁰ - Obreja, D., *Small ships hydrodynamics software platform*

11⁴⁵ - Galatanu, L., Baciu, C.M., Pohilca, A., Mocanu, C.I., *The mesh influence in fluid flow*

12⁰⁰ - Pohilca, A., Baciu, C.M., Galatanu, L., Mocanu, C.I., *The influence of distance between the floats of catamaran hull*

12¹⁵ - Manea, M.G., *SEAWAY and OCTOPUS as a study tools for ship motions*

- 12³⁰ - Domnisoru, L., *On operation capabilities analysis of a 100000 tdw tanker by seakeeping criteria*
- 12⁴⁵ - Lungu, A., *Recent achievements in CFD*
- 13⁰⁰-14⁰⁰Lunch
- 14⁰⁰ - Pacuraru F., *CFD applications in ship hydrodynamics*
- 14¹⁵ - Moise, L. A., Domnişoru, L., Hogaş, C., Mocanu, C., I., *Global strength analysis for a split hopper barge subject to head equivalent design wave*
- 14³⁰ - Zăgan, R., Raicu, G., *Understanding the OT cyber risk onboard ship and ship stability*
- 14⁴⁵ - Manea, E., *Some appreciations concerning the performance indicators of the maritime shiprepairs shipyards*
- 15⁰⁰ - Perijoc, S., Domnisoru, L., *On 3d-FEM analysis of a 9000 tdw tanker global eigen vibration modes*
- 15¹⁵ - Florescu, S.N., Mihailescu, D., Gheonea, M.C., *Experimental research on the behavior of EH 36 naval steel at the MAG-M mechanized butt welding*
- 15³⁰ - Danilov, F., *RHINO-SHIPCONSTRUCTOR and yacht engineering*
- 15⁴⁵ - Matala, T., *Building kit for interior*
- 16⁰⁰ - Rata, V., *Aspects of using 3-D laser scanning technology in ship retrofit projects*
- 16¹⁵ - Coffee break
- 16³⁰ - Negoita, D., *ICE e-Ferry concept design, an innovative zero-emission solution for medium range connections*
- 16⁴⁵ - Pacuraru, S., Vlad, G., Voicu, C., Vilcu, C., *ASRMS – Autonomous stations for smart monitoring of rivers*
- 17⁰⁰ - Caramatescu A, Mocanu C. I., *Review of composite materials applications in marine industry*
- 17¹⁵ Angheluta, C.M., Perijoc, S., Presura, A., *Retrofitting of Danube vessels for a green and efficient fleet*
- 17³⁰ - Iatan, C., Burlacu, E. *Review on distortion over welded structures*
- 17⁴⁵ - Bekhit, A., *Numerical simulation for the self-propulsion prediction of the KVLCC2 ship model using sliding grid technique*

18³⁰ Gala Dinner, Europa Room – Danube Stars Hotel



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Saturday, November 23rd 2019

9⁰⁰- Bayatfar, A., Mishael, J., Warnotte, R., Rigo, P., *An approach to ship structural optimisation in contract design phase*

9¹⁵- Sekulski, Z., *Statistical properties of the yield strength of normal strength hull structural steel plates*

9³⁰- Crudu, L., Marcu, O., *Evaluation of the dynamic behavior of a GSP pipe layer for a range of loading cases*

9⁴⁵- Ungureanu, C., Mocanu, C., *Towing tank studies for NACA 0012 surface piercing hydrofoil*

10⁰⁰- Ungureanu, C., Mocanu, C., *Wing-body junctions in ship hydrodynamics*

10¹⁵- Stingheru, C., *The strategy of converting a semi-submersible pontoon into a floating dock*

10³⁰- Turcanu Marcu A., L., *Port management- challenges in adapting their activities to new environment regulations*

10⁴⁵ – Cristea, A., *Determination of deformation and indirect stress in the double hull panel by FEM for a bulk carrier ship*

11⁰⁰ Coffee break

11¹⁵- Discussion session between members of *Naval Architecture Research Center* and industry partners

12⁰⁰- *Closing Session*