



GNA 2015
Galati Naval Architecture
CONFERINȚA DE ARHITECTURĂ NAVALĂ
GALAȚI, 11 decembrie 2015



PROGRAMUL CONFERINȚEI:

10,00 Deschiderea lucrarilor

DAN OBREJA

1. Software platform for manoeuvrability performance estimation in initial ship design

DAN OBREJA, DORIN IULIAN CHIRACU

2. Practical evaluation of high-speed round bilge catamaran resistance

TUDOR CHIRILA, DAN OBREJA

3. Preliminary computation of yacht resistance components using Delft series

10,30 – 11,00

ADRIAN ARHIRE (NAPA ROMANIA)

4. Maritime Data Analytics

DAN OBREJA, ANA MARIA CHIROSCA

5. Preliminary estimation of ship weights

DAN OBREJA, BOGDAN-IOAN BAHRIM

6. Computation of main dimensions and form coefficients in initial ship design

VALENTINA POPINIUC, DAN OBREJA

7. Experimental resistance tests on a yacht model with trim influence

MADALINA SALCIANU, DAN OBREJA

8. Experimental resistance tests on a yacht model with appendages influence

LEONARD DOMNISORU

9. Numerical approach for global ship strengths analysis based on 1D-beam model, under oblique equivalent quasi-static wave loads

LEONARD DOMNISORU

10. Global strength analysis using 3D-FEM full extended ship models, in the case of equivalent quasi-static loads from oblique waves

GEORGE JAGITE, LEONARD DOMNISORU

11. Advanced 3D-FEM structural analysis of an FSU ship under statistical long term wave loads

CARMEN GASPAROTTI, LEONARD DOMNISORU

12. Navigation safety assessment based on short term seakeeping criteria for a containership 130 TEU

CARMEN GASPAROTTI

13. Characteristics of the environmental matrix in the Romanian Black Sea area

IOAN ALEXANDRU

14. The Application of Simultaneous Loop Equation Solution to Ship Network

BULARCA MIHAELA NICOLETA, NEACSU MIRELA, VLAD SIMONA STERIANA

15. Treatment system of the ballast water

RADU ALEXANDRU, ADRIAN CARAMATESCU

16. Generating the hull boat using the Rhinoceros 5

GRAURE ALBERT EMILIAN, ANGHELUTA CRISTI MARIAN, ADRIAN CARAMATESCU, BLEOJU ANCA, CIULEI ALEXANDRA

17. Constructive solution on the extension of boat width from composite materials; sampling according to the GL rules yacht

ANGHELUTA CRISTI MARIAN, GRAURE ALBERT-EMILIAN, CRUDU LIVIU

18. Case study on FPSO type vessels and structures.

ALESSANDRO MARTINO, FLORIN TEODOR

19. Insertion of the Hydrostatic Test in the building process before the launching of the vessels

BOGDAN MIRICA, FLORIN TEODOR

20. Cutting and bending of the plate

CATALIN ZANFIRACHE, FLORIN TEODOR

21. Design and preparation for the manufacture of a section for a tug type ASD 3212

DUMITRU BUESCU, FLORIN TEODOR

22. Launch and coupling the vessel on the slipway and the dry dock

STEFAN BARBUTA CARAMATESCU, FLORIN TEODOR

23. Saturation technology of the living spaces

LUPARU PAUL, CRISTEA ANISOARA GABRIELA

24. Sizing and optimal shape of 3D metallic structures with cuttings

NECULA PETRICA, CRISTEA ANISOARA GABRIELA

25. Determination of the stress and deformations through a FEM analysis of castellated beams

IATAN GEORGE CLAUDIU, CRISTEA ANISOARA GABRIELA

26. Determination of the stress and deformations through a FEM analysis of a lattice beams

CRISTEA ANISOARA GABRIELA

27. Central structure weight optimization by optimal dimension for a chemical tank of 38000 tdw

MADALINA PRODAN, VLADUT ALEXANDRU VICOL, COSTEL IULIAN MOCANU

28. Numerical simulation of a projectile that runs through a plane structure strengthened with one way stiffeners

MADALIN COSTEA, MADALINA ONICA, ALINA MODIGA

29. Analysis of the stress to the hydraulic sample of the 1,000 m3 spheres for stocking the petroleum products

MADALINA ONICA, MADALIN COSTEA, COSTEL IULIAN MOCANU, ALINA MODIGA

30. Numerical analysis of the stress that occurs in the crane structure of 325 tf METALNA to maneuver the block sections of the ship in the shipyard DAMEN SA Galati

BILEC RADU, LUPARU PAUL, ALINA MODIGA

31. Analysis of the stress in double side panel for different variants

RADU ENACHE, PAUL STAVAR, FLORIN TEODOR, JARCA OANA MIRELA

32. Analysis of the stress that occurs in a vessel structure type DOC (Damen Offshore Carrier) on the wave crest and through

VICOL VLADUT ALEXANDRU, JARCA OANA MIRELA, MOCANU COSTEL IULIAN

33. The influence of the phenomenon hammer of stress which appear in the walls piping under pressure

JARCA OANA MIRELA, MOCANU COSTEL IULIAN, FLORIN TEODOR

34. System analysis of a 300 HP tug steering gear upgrading

FLORENTINA PALADE, MOCANU COSTEL IULIAN

35. FEM frequency analysis of the navigation mast of an ASD TUG

FLORIN PACURARU, ADRIAN PRESURA, STEFAN IORGA

36. Propulsive Performance Improvement of a Three Axes River Pusher

FLORIN PACURARU, ADRIAN LUNGU, STEFAN IORGA

37. Computation of Viscous Free Surface Flow Around KCS Hull

BINOY PILAKKAT, FLORIN PACURARU

38. CFD Based Optimization of a River Ferry

SANDITA PACURARU, LEONARD DOMNISORU, SILVIU PERIJOC

39. Sea Keeping Assessment for a Tanker Ship

POPESCU GABRIEL

40. Virtual Laboratory for Marine Structures

DAN MAIMON

41. About use of aluminium in shipbuilding

DAN MAIMON

42. Applications of last planner system

CRECIUN VALERI, MIHAI GABRIEL, CHIOSEA CIPRIAN, IOAN BOSONCA

43. Protection and preservation of the aquatic environment

HOHOTA CLAUDIU, VOINIC IULIANA, IOAN BOSONCA

44. Turanor-PlanetSolar

ELENA GAVRILA, ALEXANDRU HANCU, IOAN BOSONCA

45. Reducing the oil pollution of the marine waters and oceans

VASILE RATA, STEFAN CATALIN IONUT, STEFAN COSMIN, IFTIME ADRIAN MARIUS, IOAN BOSONCA

46. The importance of outfitting within the block sections phase in shipbuilding

**COMAN GABRIEL, SEVERIN ALEXANDRU, CALINOV ROXANA ADELA, ANDRIESCU MADALINA
RALUCA, IOAN BOSONCA**

47. Becker Mewis Duct.

NECULET O., MANGAR C., CRUDU L.

48. Evaluation and control of induced vibrations for a Ro – Ro ship .

CARAMATESCU ADRIAN, CRUDU LIVIU .

49. Comparative seakeeping analysis of a class of Mediterranean maxi-yachts

CRUDU LIVIU

50. On the scale effect in dynamic analysis of elastic coupling elements