

Rajko GRUBIŠIĆ **IMAM 2005**  
**The 11th Congress**  
**of the International Maritime**  
**Association of the Mediterranean**

#### O kongresu IMAM 2005

U ovom su broju "Brodogradnje" neki prilozi posvećeni 11. međunarodnom kongresu IMAM-a (*International Maritime Association of the Mediterranean*) koji se od 26. do 30. rujna 2005. godine održao u Lisabonu, Portugal. Riječ je o stručnom izvješću o kongresu (na engleskom) iz pera glavnog urednika koji je skupu nazočio, prikazu dosadašnjega predsjednika IMAM-a gospodina Pansa Yannoulisa o značenju ove asocijacije (na engleskom) i opisu portugalske luke Sines kao i brodogradilišta LISNAVE, kako ih je vidio jedan od sudionika kongresa iz Hrvatske (na hrvatskom).

Na kongresu je prikazano 216 referata koji su doslovce pokrili sva suvremena područja od interesa za brodograđevnu struku i znanost. Svoje su priloge dali autori iz cijeloga svijeta počevši od Dalekog istoka (Japan, Kina, Koreja), preko Crnog mora (Rumunjska, Bugarska), Sredozemlja, Skandinavije, Njemačke, Engleske, pa sve do SAD-a. Hrvatski su autori na kongresu bili zastupljeni s 22 referata i to s FSB-a u Zagrebu, *Tehničkoga fakulteta* u Rijeci, *Brodarskog instituta* iz Zagreba, *Brodosplita*, Pule, te s časopisom "Brodogradnja" koji je na kongresu imao svoj službeni "štant".

Tijekom kongresa održana je i sjednica Izvršnog odbora IMAM-a, na kojoj je između ostaloga prihvaćeno odustajanje Hrvatske kao organizatora sljedećeg 12. kongresa IMAM-a, te je donesena odluka da se ovaj kongres održi u Varni, Bugarska. Ovi se događaji na Izvršnom odboru IMAM-a svakako trebaju komentirati, jer odustajanje Hrvatske predstavlja svojevrstni fijasko i mrlju na međunarodnom ugledu hrvatskih brodograđevnih subjekata.

Naime, na kongresu prije Lisabona, a to je bio 10. kongres na Kreti 2000. godine, odlučeno je da se organizacija kongresa nakon Lisabona, tj. 12. kongres, povjeri Hrvatskoj, te se isti trebao održati u Rijeci u organizaciji *Tehničkoga fakulteta*. Valja istaknuti da je tad na Kreti i Turska bila kandidat za organizaciju spomenutoga kongresa, ali su se njezini predstavnici tada povukli u korist Hrvatske. A sad, u Lisabonu, članovi Izvršnog odbora IMAM-a iz Hrvatske iznenada povlače svoju kandidaturu, što je izazvalo opravdanu ljutnju članova turske delegacije, te se u prazan prostor ubacila Bugarska.

Bez želje da se na ovome mjestu upuštamo u analizu razloga i uzroka opisanog odustajanja, možemo samo žaliti što je propuštena velika prigoda da i naša zemlja bude domaćin ovakvom imponzantnom skupu eminentnih stručnjaka i znanstvenika iz čitavoga svijeta.

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The 11<sup>th</sup> Congress of the International Maritime Association of the Mediterranean (IMAM) was held in Lisbon, Portugal, from 26 to 30 September, 2005 on the theme of Maritime Transportation and Exploitation of Ocean and Coastal Resources.

The Congress took place at *Instituto Superior Tecnico (IST)* and was organised by the Unit of Marine and Technology Engineering of *IST* and its Organising Committee with Prof. C. G. Soares, PhD as the Chairman.

The Congress was intended for individuals from industry, research organisations, universities, government agencies, certifying authorities as well as designers, operators and owners who contribute to the improved knowledge of the marine environment, ship and offshore design, building and maintenance technology, maritime transportation and port operation and exploitation, offshore oil and gas exploitation, nautical activities and marinas, fisheries and aquaculture, maritime safety and protection of the environment.

While previous Congresses were more concerned with ships and maritime transportation, IMAM 2005 widened the scope by including various topics related to the exploitation of ocean and coastal resources, an area that is believed to have become increasingly more important.

The technical programme comprised 216 papers by authors from more than 20 countries all over the world. The papers deal with aspects of hydrodynamics, ship structures, machinery and propulsion systems, control systems, vessel design, shipyard technology maintenance and repair, maritime environment, fisheries and agriculture, maritime transportation and port operation, coastal and offshore develop-

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ment, safety and reliability, and design for the protection of the environment.

The *Hydrodynamics* session was contributed by 40 papers that included topics such as hydrodynamics of fast ships, multi-body hydrodynamics, CFD applications, wave resistance, ship propulsion, ship manoeuvring, second order motions and loads, and ship motion and loads in waves.

In the *Structures* session 30 papers dealt with structural design, fatigue assessment, finite element analysis, ship vibration, crashworthiness, structural degradation and reliability, and with ultimate strength.

The *Vessel design* session consisted of 15 papers, where ship design, vessel design, design optimisation, and risk based design were elaborated.

In the *Marine environment* session the authors submitted 28 papers discussing topics such as extreme and freak waves, spatial distribution of waves, wave spectra, wave modelling, wave hindcast and forecast, and wave propagation and visualisation.

The *Fisheries and aquaculture* session with 17 papers dealt with fishing gear, agriculture cages, fishing vessels and operations, and with fishing technology.

Finally, the remaining sessions will be mentioned and the number of contributing papers will be given: *Machinery and propulsion systems* (13 papers), *Control systems* (8), *Shipyard technology maintenance and repair* (8), *Maritime transportation and port operation* (13), *Coastal and off-shore development* (10), *Safety and reliability* (24).

All papers are collected and published in the proceedings of the Congress in two volumes and also recorded on a compact disc.

During the work of the Congress the Executive Committee of IMAM had a meeting and important decisions were brought. Firstly, Croatia withdrew its candidature for the organisation of the next IMAM Congress, and it was decided that the 12th Con-



Poslovni centar u Lisabonu

gress will take place in Varna, Bulgaria. Secondly, a new President of the Executive Committee was elected in the person of Prof. Carlos Guedes Soares, PhD from Portugal.

At the end of the Congress a very nice excursion was organised for the participants, offering the opportunity to visit the port of Sines and the LISNAVE shipyard. This event terminated this, by the common opinion, very successful conference.

## Panos Yannoulis Ex-President of IMAM to *Brodogradnja* journal

I was requested by Professor Rajko Grubisic to address a short presentation to the readers of *Brodogradnja* on the IMAM history, philosophy and prospects for the future.

I accepted with pleasure to contribute, to the best of my knowledge, to informing the Croatian marine community about IMAM, considering the contribution of IMAM Members from your country to its history but also the importance for Croatian shipbuilding and marine technology in our part of the world.

IMAM has a history of 28 years, since Professor Servello (University of Trieste, Italy), Professor Ozalp (University of Istanbul, Turkey) and Professor Bosnic (University of Zagreb, Croatia) decided to set up the International Association of the East-Mediterranean, IMAEM, on June 7<sup>th</sup>, 1977. The following year, Greece and Bulgaria

joined to form the cluster of founding Members, during the first General Assembly of the Association in Istanbul, September 1978.

Since then, eleven IMAM Conferences were successfully organised, namely:

Istanbul, 1978  
Trieste, 1981  
Athens, 1984  
Varna, 1987  
Athens, 1990  
Varna, 1993  
Dubrovnik, 1995  
Istanbul, 1997  
Ischia, Naples, 2000  
Rethymnon, Crete, 2002  
Lisbon, 2005

In the meantime, during IMAM 1990 in Athens, it was decided to change the name of the Association to become Inter-

national Maritime Association of the Mediterranean, IMAM, to embrace all countries "with a coastline on the Mediterranean, Black and bounding Seas". The Statute of IMAM was finally approved during the General Assembly of IMAM Members, in Athens, June 2001.

According to the IMAM Statute, the Association was founded "in order to promote international cooperation among researchers and engineers in the fields of naval architecture and marine engineering through interchange of knowledge, ideas and results of research and practical experience, as well as active collaboration in educational, research and training matters ...". Also, "the Association draws its inspiration from the common historical background of the Mediterranean, the birthplace of the art of shipbuilding and ship operation."

IMAM is a non-profit organisation. Members are collective and corporate bodies in the field of naval architecture, marine engineering and related science, like research institutes, universities, shipbu-

ilding and marine equipment industries, classification societies, shipping companies and professional societies originating from the Mediterranean countries.

It is organised in Regional Sections for each country, governed by Local National Committees. The administrative authorities of the Association are the General Assembly of the Members, the Executive Committee (one Member from each country) and the President, who is elected among the Executive Committee Members. The Chairman of an IMAM Conference is nominated Vice-President for the specific term.

IMAM is today a mature organisation, well known in the international maritime and marine technology community, with loyal supporters and friends, attracting continuously new organisations and institutions applying to become Members of our family. Presently, IMAM Members originate from Albania, Bulgaria, Croatia, Egypt, France, Greece, Italy, Portugal, Romania, Turkey, and Ukraine.

So, during the last General Assembly in Lisbon, Portugal, it was decided to study whether and how IMAM would make a step forward and strengthen its organisation in order to better accomplish its objectives, which, in addition to Conferences, include seminars, workshops, publications, interchange of information and technology transfer among Members, encouraging the exchange of students and staff and, last but not least, encouraging the collaboration of Members in common research, educational and technical projects.



Dio hrvatske "reprezentacije" na IMAM 2005

In this direction, it was decided during the General Assembly in Athens, June 2001, to register IMAM in Greece as a non-profit legal entity. This is not finalised yet due to fiscal and taxation difficulties. So, a Steering Committee was established within the present Executive Committee elected in Lisbon to study all problems, collect and evaluate ideas from all Members and prepare proposals for approval by the next General Assembly. The Steering Committee is composed of the following members: Professor Carlos Guedes Soares, President,

Professor Vedran Zanic and Professor Omer Goren.

IMAM is a strong, dynamic, continuously developing and maturing organisation, moving step by step in the direction of achieving its statutory objectives.

It is within this optimistic view for the future of IMAM that I wish to the new elected President, Professor Carlos Guedes Soares, and his Executive Committee all the best for IMAM to the benefit of its Members and the Mediterranean maritime community in general.



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