

## Symposium Organisation Office:

Department of Navigation

Faculty of Navigation

Gdynia Maritime University

Al. Jana Pawla II 3

81-345 Gdynia

Poland

phone: + 48 58 6901136, +48 58 6616955

fax: + 48 58 6616955

e-mail: [transnav@am.gdynia.pl](mailto:transnav@am.gdynia.pl);

<http://transnav.am.gdynia.pl>

## Media partners:



## Symposium dates and deadlines:

**15 March 2008**

**1<sup>st</sup> Announcement**

Invitation to take part in the Symposium

**01 July 2008**

**15 September 2008**

Deadline for conference registration and abstract submission (on-line registration on the website: <http://transnav.am.gdynia.pl>)

**15 September 2008**

**15 October 2008**

**2<sup>nd</sup> Announcement**

Confirmation of applications and notification of authors

**15 December 2008**

Submission of papers deadline

**15 February 2009**

Announcement of papers acceptance

**15 March 2009**

**3<sup>rd</sup> Announcement**

Information on the preliminary Symposium's Programme

**1 June 2009**

**4<sup>th</sup> Announcement** - final version of **Symposium Programme**, chairmen list confirmation

**17 June 2009**

**The First Day of Symposium (Wednesday)**

Opening ceremony, plenary session, round table panel discussion and parallel provided specialist sessions

**18 June 2009**

**The Second Day of Symposium (Thursday)**

Parallel provided specialist sessions and poster session

**19 June 2009**

**The Third Day of Symposium (Friday)**

Parallel provided specialist sessions, plenary session and closing ceremony

## 1<sup>st</sup> Announcement



Faculty of Navigation  
Gdynia Maritime University

and

The Nautical Institute



have the honour to invite to

## 8<sup>th</sup> INTERNATIONAL NAVIGATIONAL SYMPOSIUM

ON

MARINE NAVIGATION  
AND SAFETY OF  
SEA TRANSPORTATION

*TRANS-NAV 2009*

17-19 June 2009, Gdynia

HONORARY COMMITTEE

President of the International Hydrographic Bureau

President of the Nautical Institute

Rector of Gdynia Maritime University

## INVITATION

We kindly inform that the 8th Navigational Symposium will be held in Gdynia, Poland from 17 to 19 June 2009 (Wednesday to Friday).

The Symposium is organized by the Faculty of Navigation of the Gdynia Maritime University and The Nautical Institute.

The Symposium is addressed to scientists and professionals in order to share their expert knowledge, experience and research results concerning all aspects of navigation, safety of navigation and sea transportation.

### Symposium's main topics:

- Marine navigation
- Safety and security of maritime shipping
- Sea transport and transportation technology
- Hydrography, geodesy and marine cartography
- Geomatics and GIS in coastal and maritime applications
- Electronic chart systems ECS and ECDIS
- Inland, river and pilot navigation systems and shipping
- Presentation of navigation-related information
- Route planning and monitoring; passage plan
- Integration of navigational systems, INS, IBS, e-Navigation
- Satellite (GPS/DGPS, Glonass, Galileo, GNSS) and radio based navigational systems
- Telematics in maritime transportation
- Automation aspects in navigation; algorithms & methods
- Ships routing and associated protected measures
- Maritime traffic engineering
- Systems of control, guidance and monitoring of traffic, vessel traffic service (VTS)
- Manoeuvrability and hydrodynamics of ships
- Colregs, anti-collision, radar equipment, ARPA, AIS, VDR
- Maritime search and rescue issues
- Human factors, marine accidents, human errors
- Crew resource management, safe manning, stress and fatigue
- Navigational systems - end user experience
- Marine simulation; full mission bridge, navigational simulators
- Decision support systems and Artificial Intelligence methods in maritime transport
- Data transmission and processing
- Modelling and numeric methods in maritime industry
- Meteorology and nautical oceanography
- Standardization of navigational terminology
- Maritime education and training (MET)
- Model courses validation.

Authors are invited to submit papers on any of the main topics for consideration by the Programme Committee.

### Paper submission

Authors of papers are invited to submit filled application forms to the Symposium Office (at <http://transnav.am.gdynia.pl>) together with papers' abstracts which will be reviewed by members of Programme Committee.

### Symposium Proceedings

Papers submitted on time will be published in the Symposium Proceedings - TransNav Monograph: Advances in Marine Navigation and Safety of Sea Transportation

**Symposium language** - the official language of the Symposium is English (no translation is provided).

### Estimated Symposium fee

- 1000 PLN – for money transfers before 1 March 2009
- 1100 PLN – for money transfers after 1 March 2009.

## PROGRAMME COMMITTEE

Prof. Sauli **Ahvenjarvi**  
 Prof. Roland **Akselsson**  
 Prof. Vidal **Ashkenazi**, FRIN  
 Prof. Andrzej **Banachowicz**  
 Prof. Lubomir Wlodzimierz **Baran**  
 Prof. Marcin **Barlik**  
 Prof. Eugen **Barsan**, Master Mariner  
 Prof. Gennady P. **Belyakov**  
 Prof. Knud **Benedict**  
 Prof. Chister **Bergquist**, Master Mariner  
 Prof. Alfred **Brandowski**  
 Prof. Zbigniew **Burciu**, Master Mariner  
 Prof. Doina **Carp**  
 Prof. Shyy Woei **Chang**  
 Prof. Andrzej **Chudzikiewicz**  
 Prof. Krzysztof **Chwesiuk**  
 Prof. Dennis **Compton**  
 Prof. Romuald **Cwilewicz**  
 Prof. Jerzy **Czajkowski**  
 Prof. Krzysztof **Czaplewski**  
 Mr. Eric **Dawicki** - President of Northeast Maritime Institute  
 Prof. German **de Melo**  
 Prof. Eamonn **Doyle**  
 Prof. Daniel **Duda**, President of Polish Nautical Society  
 Prof. Janusz **Dyduch**  
 RAdm. Dr. Czesław **Dyrcz**  
 Prof. Ismail Deha **Er**  
 Prof. Andrzej **Fellner**  
 Prof. Andrzej **Felski**, President of Polish Navigation Forum  
 Prof. Wlodzimierz **Filipowicz**, Master Mariner  
 Prof. Masao **Furusho**  
 Prof. Avtandil **Gegenava**  
 Prof. Wiesław **Galer**  
 Prof. Stanislaw **Górski**, Master Mariner  
 Mr. Jerzy **Graff**, FIMA  
 Prof. Marek **Grzegorzewski**  
 Prof. Andrzej **Grzelakowski**  
 Prof. Lucjan **Gucma**  
 Prof. Stanisław **Gucma**, Master Mariner  
 Prof. Carlos **Guedes Soares**  
 Prof. Renkuan **Guo**  
 Prof. Jerzy **Hajduk**  
 Prof. Mieczysław **Hann**  
 Prof. Shogo **Hayashi**, Master Mariner  
 Prof. Guenter W. **Hein**  
 Prof. Michal **Holec**  
 Prof. Kinzo **Inoue**  
 Prof. Elkhan **Ismailov**  
 Prof. Kajetan **Jackowski**  
 Prof. Ales **Janota**  
 Prof. Jacek **Januszewski**  
 Prof. Tadeusz **Jastrzębski**  
 Prof. Piotr **Jędrzejowicz**  
 Prof. Yongxing **Jin**  
 Prof. Mirosław **Jurdzinski**, Master Mariner, FNI  
 Prof. Tadeusz **Kaczorek**  
 Prof. Wlodzimierz **Kaczynski**  
 Prof. John **Kemp**  
 Prof. Hiroaki **Kobayashi**  
 Prof. Lech **Kobyliński**  
 Prof. Krzysztof **Kołowrocki**, President of PSRA  
 Prof. Serdjo **Kos**  
 Prof. Stephen **Kreta**  
 Prof. Andrzej **Królikowski**, Master Mariner  
 Prof. Bogumil **Łączynski**, Master Mariner  
 Dr. Dariusz **Łapucha**  
 Prof. Jozef **Lisowski**  
 Prof. Zhengjiang **Liu**  
 Prof. Mirosław **Luft**

FI  
SE  
UK  
PL  
PL  
PL  
RO  
RU  
DE  
SE  
PL  
PL  
RO  
TW  
PL  
PL  
US  
PL  
PL  
US  
SP  
IE  
PL  
PL  
TR  
PL  
PL  
JP  
GE  
PL  
PL  
UK  
PL  
PL  
DE  
PL  
RU  
PL  
SK  
PL  
PL  
CN  
PL  
PL  
US  
UK  
JP  
PL  
HR  
US  
PL  
PL  
US  
CN  
PL  
PL

Prof. Zbigniew **Lukasik**  
 Prof. Evgeniy **Lushnikov**  
 VAdm. Alexandros **Maratos**  
 Prof. Andrzej A. **Marsz**  
 Prof. Boleslaw **Mazurkiewicz**  
 Prof. Boyan **Mednikarov**  
 Prof. Jerzy **Mikulski**  
 Prof. Mykhaylo V. **Miyusov**  
 Prof. Torgeir **Moan**  
 Prof. Terry **Moor**  
 Prof. Leszek **Morawski**  
 Prof. Wacław **Morgaś**  
 Prof. Reinhard **Mueller**  
 Prof. Stanislaw **Musielał**  
 Prof. Takeshi **Nakazawa**, WМУ  
 Prof. Janusz **Narkiewicz**  
 Prof. Nikitas **Nikitakos**  
 Dr. Gerard **Offermans**  
 Prof. Wiesław **Ostachowicz**  
 Prof. Stanisław **Oszczak**, FRIN  
 Prof. Gyei-Kark **Park**  
 Mr. David **Patraiko**, MBA FNI  
 Prof. Egil **Pedersen**  
 Prof. Zbigniew **Pietrzykowski**  
 Prof. Alexander P. **Pimoshenko**  
 Prof. Malek **Pourzanjani**  
 Prof. Boris **Pritchard**  
 Prof. Jerzy B. **Rogowski**, MRIN  
 Prof. Wladyslaw **Rymarz**, Master Mariner  
 Prof. Osman Kamil **Sag**  
 Prof. Aydin **Salci**  
 Prof. Chaojian **Shi**  
 Prof. Zbigniew **Smalko**  
 Prof. Roman **Śmierczalski**  
 Capt. Dick **Smith**  
 Prof. Henryk **Śniegocki**, Master Mariner, MNI  
 Prof. Jac **Spaans**  
 Prof. Cezary **Specht**  
 Cmdr. Bengt **Stahl**  
 Prof. Andrzej **Stateczny**  
 Prof. Andrzej **Stepnowski**  
 Prof. Tomasz **Strzelecki**  
 Prof. Janusz **Szpytko**  
 Prof. Elżbieta **Szychta**  
 Prof. Marek **Szymonski**, Master Mariner  
 Prof. Stefan **Trzeciak**, Master Mariner  
 Prof. Mykôla **Tsymbal**  
 Prof. Jozef **Urbanski**  
 Prof. Aleksandr **Valishin**  
 Capt. Rein **van Gooswilligen**, Master Mariner  
 Prof. Marc **Vantorre**  
 Prof. Dang **Van Uy**  
 Prof. František **Vejražka**, FRIN  
 Prof. Yurey L. **Vorobyov**  
 Prof. Peter **Vorsmann**  
 Mr. Philip **Wake**, FNI, Chief Executive of the Nautical Institute  
 Prof. Jin **Wang**  
 Prof. Ryszard **Wawruch**, Master Mariner  
 Prof. Wojciech **Wawrzyński**  
 Prof. Adam **Weintrit**, Master Mariner, FRIN, MNI  
 Prof. Bernard **Wiśniewski**  
 Prof. Adam **Wolski**, Master Mariner, MNI  
 Prof. Hideo **Yabuki**, Master Mariner  
 Prof. Homayoun **Yousefi**  
 Capt. Ricardas **Zazekis**, Master Mariner  
 Prof. Janusz **Zieliński**

PL  
RU  
GR  
PL  
PL  
BG  
PL  
UA  
NO  
UK  
PL  
PL  
DE  
PL  
JP  
PL  
GR  
NL  
PL  
PL  
KR  
UK  
NO  
PL  
RU  
AU  
HR  
PL  
PL  
TR  
TR  
CN  
PL  
UK  
PL  
NL  
PL  
SE  
PL  
PL  
PL  
UA  
PL  
RU  
NL  
BE  
VN  
CZ  
RU  
DE  
UK  
UK  
PL  
PL  
PL  
PL  
JP  
IR  
LT  
PL

## ORGANIZATIONAL COMMITTEE

### Chairman:

Prof. Adam **Weintrit**, Master Mariner, FRIN, MNI PL