

Faculty of Navigation Gdynia Maritime University

and



have the honour to invite to

9th INTERNATIONAL SYMPOSIUM ON MARINE NAVIGATION AND SAFETY OF SEA TRANSPORTATION



Gdynia, 15-17 June 2011

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- Prof. Wu Zhaolin, Dalian Maritime University, China
- Prof. Jozef Zurek, Air Force Institute of Technology, Poland

Symposium Host:

Prof. Adam **Weintrit** – Dean of the Faculty of Navigation, Gdynia Maritime University Chairman iof the Polish Branch of the Nautical Institute

Conference Co-Organizers:

Faculty of Navigation, Gdynia Maritime University http://transnav.am.gdynia.pl; http://www.am.gdynia.pl

The Nautical Institute

http://www.nautinst.org;

Partners:

Ministry of Infrastructure, Poland

Maritime Office in Gdynia

Hydrographic Office of The Polish Navy

Polish Academy of Science, Committee of Transport, Traffic Control Section

Polish Academy of Science, Committee of Geodesy, Section of Navigation and Hydrography

Polish Navigation Forum

Polish Nautological Society

Polish Hydrographic Society

Polish Association of Transport Telematics

Polish Association for Spatial Information

Media Partners:

Seaways - The International Journal of The Nautical Institute

Coordinates - A monthly magazine on positioning, navigation and beyond (not confirmed)

Hydro International (not confirmed)

InsideGNSS (not confirmed)

European Journal of Navigation (not confirmed)

Archives of Transport

Archives of Transport System Telematics

The International Hydrographic Review

Drogi Ladowe, Powietrzne, Wodne

Symposium important dates and deadlines:

15 May 2010

1st Announcement

Invitation to take part in the Symposium

1 October 2010

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

1 November 2010

2nd Announcement

Confirmation of applications and notification of authors

1 February 2011

Submission of final camera-ready papers deadline

1 March 2011

Announcement of papers acceptance

1 April 2011

3rd Announcement

Information on the preliminary Symposium's Programme

1 June 2011

4th Announcement - final version of Symposium Programme, chairmen list confirmation

15 June 2011

The First Day of Symposium (Wednesday)

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

16 June 2011

The Second Day of Symposium (Thursday)

Parallel provided specialist sessions and poster sessions

17 June 2011

The Third Day of Symposium (Friday)

Parallel provided specialist sessions and poster sessions, plenary session and closing ceremony

18 June 2011

Day after Symposium (Saturday)

Touristic trip to Malbork Castle and Ship Handling Research and Training Centre in Ilawa

Symposium main topics:

- Marine navigation
- Safety and security of maritime shipping
- Sea transport and transportation technology
- Technology development in maritime and ocean engineering
- Safety and environment protection at sea
- Recent trends and future perspectives for shipping
- Hydrography, geodesy and marine cartography
- Geodetic and hydrographical support of human activity at sea
- Geomatics and GIS in maritime applications
- Spatial data analysis
- Electronic chart systems ECS and ECDIS
- Inland, sea-river, river and pilot navigation systems
- Presentation of navigation-related information
- Route planning and monitoring; passage plan
- Integration of navigational systems INS / Integrated bridge systems IBS
- e-Navigation concept
- Satellite navigation (e.g., GNSS, GPS, GLONASS and Galileo)
- Celestial navigation
- Determining the position of a vessel
- Radio based navigational systems
- Telematics in maritime transportation
- Automation aspects in navigation
- Techniques, algorithms and methods
- Ships routeing and associated protected measures
- Hydro-technical structures
- Ocean engineering and ship technology
- Ships and port operations, facilities and cargo handling
- Port engineering
- Safety of port operations
- Maritime traffic engineering
- Organization and management of vessel traffic
- Systems of control, guidance and monitoring of traffic, VTS
- Virtual aids to navigation
- Manoeuvrability and hydrodynamics of ships
- Ship dynamics and stability
- Radar equipment, ARPA, AIS, VDR
- Colregs, ship handling and anti-collision
- Intelligence, surveillance and reconnaissance
- Radio frequency technology
- Maritime search and rescue issues
- Life-saving service
- Sea pollution and environmental protection*

- Human factors, marine accidents, human errors
- Crew resource management, safe manning, stress and fatigue
- Navigational systems the end user experience
- Systems modelling and simulation
- Marine simulation; full mission bridge, navigational simulator
- Computer-based assessments in seafaring training
- Standardization of navigational terminology
- Maritime education and training; model courses validation
- Frontiers in educational methods
- New researches in the history of navigation
- Meteorology and nautical oceanography
- Climate change
- Tropical cyclones and impact of extreme storms
- Polar research, safe and sustainable traffic in ice/winter conditions
- Acoustic remote sensing
- Coastal zone management
- Marine & coastal protected areas
- Advanced maritime policy and governance
- Maritime law, insurance and arbitration
- International standards and regulation
- Information and communications
- Computer applications in maritime engineering
- Information processing and engineering
- Network & communication technologies
- Signal & image processing
- Decision support systems and artificial intelligence methods in maritime transport
- Intelligent control system of ships dynamic positioning
- Underwater acoustic measurments: technologies, methods and systems
- Maritime sensors, technology and infrastructure in waterside security
- Maritime intelligent transportation systems
- Data transmission and processing
- Modelling and numeric methods in maritime industry
- Application and evaluation studies
- Mathematical model applications in the operation of vessel and port machinery
- Mathematical fundamentals of safety and dependability, maintainability of maritime objects
- System availability, software and structural reliability
- Safety, security and risk management
- Risk and safety analysis, assessment and prediction
- Transportation planning and management
- Impact of economic recession on maritime transport
- Maritime transport and logistics systems
- New maritime technologies

INVITATION

We kindly inform that the 9th Navigational Symposium will be held in Gdynia, Poland from 15 to 17 June 2011 (Wednesday to Friday).

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

Symposium participants

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. The goal of the TransNav is to bring together experts from the field of navigation, transport, ocean engineering and maritime technology to discuss on the state-of-the-art and to present new research findings and perspectives of future developments with respect to the conference themes.

On-line registration and abstract submission

The Organizing Committee welcomes the online registration and submission of abstracts and full papers through the Symposium homepage http://transnav.am.gdynia.pl for oral or poster presentations at the Symposium. Authors of papers are invited to submit filled application forms to the Symposium Office at our web site together with papers' abstracts for consideration by the Scientific Programme Committee.

Paper submission

Only papers not previously published or submitted for presentation at another national or international meeting will be accepted. All papers will be refereed by at least two members of Scientific Programme Committee. The limit for each paper is 8 pages.

Symposium Proceedings

Papers submitted on time will be published in the Transnav Symposium Proceedings - series of a few monographs under the common title: Advances in Marine Navigation and Safety of Sea Transportation. Some best papers will be recommended to be published in the professional journals (see media partners).

Symposium language

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

Symposium Venue

Information about Symposim Venue and hotels accommodation is available at our web site: http://transnav.am.gdynia.pl. Due to summer season it is our suggestion to book the hotels rooms as soon as possible after your paper acceptation.

Round Table Plenary Session

Organizing Committee would like to inform that on 15th of June (Wednesday) - the First Day of Symposium - will be organized the Round Table Panel Discussion under chairmanship of Prof. Vidal Ashkenazi, UK. The title of Round Table Plenary Session will be announced later.

Symposium Fees

Payment of the conference fee is required for paper publication. To avoid any problem the best idea is to transfer conference fee at the beginning of February, immediately after paper acceptation by Programme Committee. The organizer reserves the right to qualify some papers for the poster session.

Categories (A), (C), (F), (G), (I) and (N) of registration fees include technical programme attendance, one copy of the Symposium proceedings, welcome reception, lunches, coffee-breaks, and conference dinner. Category (S) of registration fee includes technical programme attendance, lunches, and coffee-breaks. Category (W) registration fee includes welcome reception, conference dinner, launches and Lady's program.

1 Euro ≈ 4 PLN

Registration Category		Participation	Discount	Early Bird	Regular	Late	Too Late
				Before 1st April 2011	Before 1th May 2011	Before 1th June 2011	After 1th June 2011
A	TransNav Participant	3 days	-	PLN 1000	PLN 1200	PLN 1300	PLN 1400
		1 day	-	PLN 500	PLN 600	PLN 700	PLN 800
С	TransNav Scientific Programme Committee Member	3 days	PLN 100	PLN 900	PLN 1100	PLN 1200	PLN 1300
C		1 day	-	PLN 500	PLN 600	PLN 700	PLN 800
F	Honorary Fellow of TransNav	3 days	PLN 200	PLN 800	PLN 1000	PLN 1100	PLN 1200
Г		1 day	-	PLN 500	PLN 600	PLN 700	PLN 800
G	GMU Reasercher (Host Institution)	3 days	PLN 200	PLN 800	PLN 1000	PLN 1100	PLN 1200
G		1 day	-	PLN 500	PLN 600	PLN 700	PLN 800
	IAMU AGA12 Participant	3 days	PLN 100	PLN 900	PLN 1100	PLN 1200	PLN 1300
		1 day	-	PLN 500	PLN 600	PLN 700	PLN 800
N	Nautical Institute Member	3 days	PLN 100	PLN 900	PLN 1100	PLN 1200	PLN 1300
IN		1 day	-	PLN 500	PLN 600	PLN 700	PLN 800
S	Registered Students	3 days	PLN 300	PLN 700	PLN 900	PLN 1000	PLN 1100
3		1 day	-	PLN 500	PLN 500	PLN 600	PLN 700
W	Accompanying Person	3 days	-	PLN 500	PLN 500	PLN 600	PLN 600
VV		1 day	-	PLN 200	PLN 200	PLN 250	PLN 300

^{*} Total discount can not be higher than 400 PLN

Т	Symposium Trip	1 Day (Saturday)	-	PLN 100	PLN 100	PLN 120	PLN 150
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The limit for each paper is 8 pages. Additional pages (no more than four) will be published after payment of an additional fee 100 PLN per each 2 extra pages (9-10 pages - 100 PLN; 11-12 pages - 200 PLN).

Our bank account details are the following:

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