



Executive Committee

2017-2021

Chairman : Fabio Di Felice

Members : Antonio Fernandes, Area Representative Americas, Vice Chairman

Kourosh Koushan, Area Representative Northern Europe

Janou Hennig, Area Representative Central Europe

Fabio Di Felice, Area Representative Southern Europe

Yonghwan Kim, Area Representative East Asia

Shotaro Uto, Area Representative Pacific Islands

Didier Fréchou, Conference Chairman

Zhenping Weng, Past Conference Chairman

Gerhard Strasser, Advisory Council Chairman

Aage Damsgaard, ITTC Secretary



13 - 18 June 2021

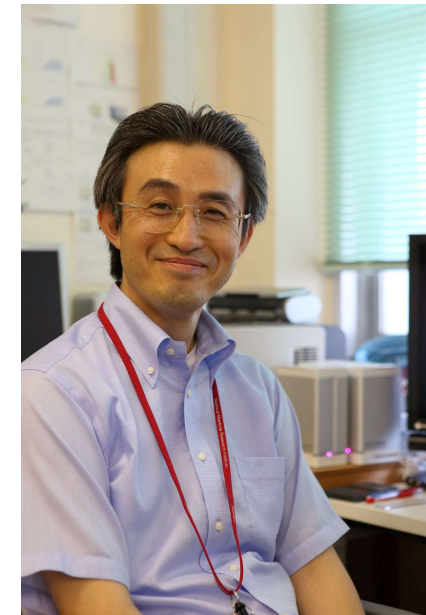


Dr. Yusuke Tahara,	25.01.2019
Prof. Seizo Motora,	01.05.2020
Prof. Baoshan Wu,	10.02.2020
Prof. Ichiro Tanaka,	23.06.2019
Prof. Bruce Johnson,	04.06.2018
Dr. Kostadin Yossifov,	12.04.2021



Dr. Yusuke Tahara (1963-2019)

- MSc Yokohama 1987
- PhD Iowa 1992
- Ass. Prof. Osaka Prefecture U. 1994
- NMRI 2009
- ITTC Resistance Committee 25th and 26th
- SNAME ABS Capt. Joseph H. Linnard Prize 2010
- JASNAOE Paper Award 2012



Prof. Seizo Motora (1922-2020)

- Naval Architect University of Tokyo 1944
 - University of Tokyo faculty member until 1982
 - President Nagasaki Inst. of Applied Science 1982-1989
 - ITTC manoeuvring Committee 10th and 11th
 - EC member 14th, 15th and 16th ITTC
 - Organising Committee 11th and 18th ITTC
 - Compass International Award of Marine Technology Society
 - Stanley Gray Award
- 1997 Order of the Sacred Treasure, Gold and Silver Star



Prof. Baoshan Wu (1968-2020)



- Graduated Xi'an Jiaotong University 1993
- CSSRC 1993-2020
- Doctorate Fluid Mechanics 2012
- Director CSSRC Hydrodynamic Research 2002-18
- Deputy Director and Technical Director CSSRC 2018-20
- ITTC Uncertainty Analysis Committee 25th and 26th
- ITTC Resistance Committee 27th
- EC member 28th ITTC
- AC member 28th and 29th ITTC
- Secretary of organising committee 28th ITTC



Prof. Ichiro Tanaka (1931-2019)

- Osaka University 1952-1995 (Assistant Professor, Associate Professor, Professor 1973-1995)
- ITTC Resistance Committee 16th and 17th
- Japan executive committee 18th ITTC
- JASNAOE Awards 1976



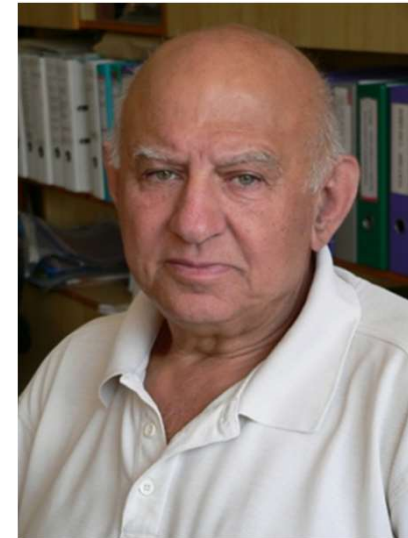
Prof. Bruce Johnson (1933-2018)

- MSc and PhD Purdue University 1962/65
- US Naval Academy Associate Professor and Full Professor (1964-70, 1970-99)
- Director USNA test facilities
- Received several teaching awards
- Active in ITTC for 40 years
- Presentation and Information Committee 15th and 16th
- Information Committee 17th
- Chair Symbols and Terminology Group 18th-22th
- Quality Systems Group 26th-28th



Dr. Kostadin Yossifov (1943-2021)

- Co-founder of BSHC, Varna, Bulgaria
- Director of BSHC for many years
- Badge of Honour at the Bulgarian Academy of Sciences
- ITTC AC member 25th-27th
- ITTC Deep Water Mooring Com. 25th-26th
- ITTC Symbols and Terminology 20th





Obituaries

**Let us honour these outstanding
contributors to ITTC
in silence for one minute**



13 - 18 June 2021



- Wuxi, China, September 2017
- Gdansk, Poland, September 2018
- Val de Reuil, France, September 2019
- Tokyo, Japan, March 2020 **cancelled**
- 7 virtual meetings between April 2020 and June 2021

- Reviewed comments to Terms of Reference for new committees and revised them
- Elected Fabio Di Felice as interim Chairman of ITTC.A
- Appointed Kourosh Koushan as Chairman of WG on Future of ITTC
- Confirmed financial support to representation of ITTC in IMO
- Appointed additional members of ISSC/ITTC Joint Committee
 - Apostolos Papanikolaou, HSVA
 - Solomon Yim, Oregon State University
 - Julie Young, University of Michigan

- Inaugural meeting of ITTC.A, Fabio Di Felice elected Chairman
- Endorsed interim revision of speed/power sea trial procedure
- Endorsed formal liaison with IEC
- Agreed to rearrange sequence of conference host regions and to accept AMC to host the 30th conference
- Elected Antonio Fernandes Vice Chairman
- Decided that a general disclaimer shall be added to all procedures and guidelines

- Decided to establish a working group to look at extrapolation procedures at varying draft
- Decided to terminate the membership for 6 organisations that had not paid the membership fee
- Decided that accounting may be done by the ITTC Secretary and checked by two internal auditors
- Discussed WG on Future suggestions to modernise the ITTC organisation

EC Meetings 4 through 7

- Discussing practical aspects of changing the conference, first to postpone to 2021 and thereafter changing it to a virtual conference
- Decided to postpone the 30th conference to 2024
- Decided that there will be no printed Proceedings and that reports, ppt-presentations and appendixes would be posted on the ITTC website



EC Meetings 8 through 10

- Review of AC membership for half the AC members (some members asked to reconfirm commitment)
- Review Terms of Reference for next committees as proposed by AC
- Decided on budget and membership fee for next period
- Reviewed membership fee payment status and discussed consequences of non-payment
- Decided to recommend revisions of ITTC Rules and ITTC.A Statutes proposed by WG on Future ITTC
- Identified new Area Representatives
- Reviewed and finalised EC report and presentation
- Commenced selection of candidates for next committees



Revision of ITTC Rules - summary

- Open for membership of organisations offering services based on numerical capabilities, only (AC still for towing tank organisations, only)- **effective immediately**
- Split East Asia into two areas, North and West Asia, and South and East Asia, each having an EC member- **effective immediately**
- One type of technical committee, only, i.e. no distinguishment between general and specialist committees- **effective from 31st ITTC**
- Membership of technical committees based on expertise, not on even geographical distribution- **effective from 31st ITTC**
- ITTC and AC fees merged into one account administered by EC (already in ITTC.A Statutes)- **effective immediately**

The full text of the revised Rules are included in the Appendixes to Proceedings on the ITTC website

Revision of ITTC.A Statutes - summary

- Revising the Aim to include members that do not operate towing tanks or other physical test facilities
- Increasing the number of EC members due to dividing East Asia into two regions

The full text of the revised Statutes are included in Appendixes to Proceedings on the ITTC website



Candidate for ITTC.A Chairman

- Prof. Kourosh Koushan (from Norway, 56 years old)
- Representing *SINTEF Ocean* (formerly *MARINTEK*) on the *ITTC Advisory Council* (since 2011)
- Representative of the Northern Europe region on the *ITTC Executive Committee* (since 2014)
- Chair of *Working Group on Future of ITTC* (since 2017)
- Several positions at *SINTEF Ocean*(formerly *MARINTEK*) including 8 years responsible for the towing tank (since 1997)
- Professor of Naval Hydrodynamics at *Norwegian Univ. of Science & Technology* (since 2015)
- Board member of *EERA Ocean Energy* (European Energy Research Alliance) (since 2011)
- PhD in Ship Hydrodynamics from *Technische Universität Berlin* (1997)



New members

- National Iranian Marine Laboratory, Iran
- Gdansk University of Technology, Poland
- University College Cork, Ireland
- Daewoo Shipbuilding and Marine Engineering, Korea
- University of Galati, Romania
- Tallinn University of Technology, Estonia
- Changwon National University, Korea
- Laboratory for Waves and Currents, UFRJ, Brazil
- Coastal and Marine Engineering Research Institute, Israel



Terminated members

- Naval Science and Technological Institute, India
- Sharif University of Technology, Iran
- Universiti Teknologi Petronas, Malaysia
- BMT Seatech, UK
- Cranfield University, UK
- Orion Energy Centre, UK

Total membership: 103

List of member organisations and Designated Representatives included in Appendix to Proceedings on the ITTC website



Advisory Council membership

No changes this period

Total AC members: 39



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Changes in technical committees

Several changes have taken place to the committee membership

Past and present members of the technical committees are listed in the Appendixes to the Proceedings on the ITTC website





Area Representatives 30th ITTC

Janou Hennig,	Central Europe
Claus D. Simonsen,	Northern Europe
Lanfranco Benedetti,	Southern Europe
Arthur Reed,	Americas
Chunrong He,	East Asia
Toru Katayama,	Pacific Islands



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Proposed committees for next period

- **General committees:**
 - Resistance and Propulsion Committee
 - Manoeuvring Committee
 - Seakeeping Committee
 - Ocean Engineering Committee
 - Stability in Waves Committee
 - Full-scale Ship Performance Committee

- **Specialist Committees:**
 - SC on Ocean Renewable Energy
 - SC on Cavitation and Noise
 - SC on Ice
 - SC on Performance of Wind Powered and Wind Assisted Ships
 - SC on Combined CFD and EFD Methods

- **Groups:**
 - Quality Systems Group

The Terms of reference for the proposed committees are included in the Appendixes to the Proceedings on the ITTC website





Committee membership

Committee members will be announced at the Closing Session/Full Conference



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- The AC Chairman attended three meetings of IMO MEPC
- ITTC had 3 submissions to MEPC
- Stability in Waves Committee attended two meetings of IMO SDC
- ITTC submissions and reports on meetings are available on the ITTC website
- ITTC obtained formal liaison with IEC

- ITTC registered as publisher at Swiss ISBN Agency
- ISSN registration in progress
- The intention is that all ITTC publications (procedures and guidelines, conference proceedings) shall be registered

29th ITTC accounts (amounts in USD)

	Forecast (4 years) (Oct 2017 to Sept 2021)	Budget (3 years) (Oct 2017 to Sept 2020)
ITTC Membership fee	80,000	75,000
AC membership fee	150,000	122,100
Financial income	2,670	0
Total income	232,670	197,100
Secretariat hours	120,000	120,000
Secretariat expenses	6,000	15,000
IMO/ISO expenses	18,000	15,000
Support to conference	6,000	6,000
Website	2,000	2,000
ITTC Association	20,000	25,000
Financial costs	1,500	3,000
Miscellaneous costs	0	10,000
Total costs	173,500	196,000
Net result	59,170	1,100
Equity capital	88,117	28,947



Proposed membership fee

ITTC membership 225 USD annually (presently 250 USD)

AC membership 1,000 USD annually (presently 1,100 USD)



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Budget for 30th ITTC (amounts in USD)

Item	Budget (USD)
ITTC fee	69,525
AC fee	117,000
Financial income	0
Total income	186,525
Secretariat hours	90,000
Secretariat expenses	15,000
IMO/ISO activities	20,000
Support to conference	6,000
Website	3,000
ITTC Association	15,000
Financial costs	2,000
Miscellaneous costs	10,000
Total costs	161,000
Net result	25,525

EC Recommendations to the Full Conference

- Adopt the new and revised procedures and guidelines recommended by the technical committees and group as listed in the report of the Quality Systems Group
- Delete and remove the procedures and guidelines from the ITTC Recommended Procedures and Guidelines, as being obsolete as listed in the report of the Quality Systems Group
- Adopt the revised Register of ITTC Recommended Procedures and Guidelines as prepared by the Quality Systems Group
- Adopt the revised ITTC Rules as reflected in the revised procedure 1.0-01 as shown in the appendix to the Proceedings of the 29th ITTC Conference
- Adopt the committee structure and Terms of Reference for the 30th ITTC as presented in the appendix to the Proceedings of the 29th ITTC Conference



EC Recommendations to the Full Conference (ctd.)

- Accept the proposed chairs and members of the technical committees and group
- Accept that the Executive Committee continues the working group to consider the future of ITTC
- Accept AMC as host of the 30th ITTC Full Conference in 2024 and Michael Woodward as chairman of the conference
- Accept Mr. Aage Damsgaard, FORCE Technology, as ITTC Secretary for the 30th ITTC
- Accept the continued involvement of ITTC in IMO and to support this activity financially
- Accept the formal liaison with ISO and IEC on subjects relevant to ITTC
- Accept the proposed budget for the 30th ITTC and general membership fee of 225 USD annually and an additional fee of 1000 USD annually for Advisory Council members.



EC Recommendations to the ITTC.A General Assembly

- Adopt the revised Statutes and Articles of ITTC.A
- Accept Kourosh Koushan as the next Chairman of the ITTC Association
- Accept Marco Ferrando and R. U. Franz von Bock und Polach as internal auditors





Discussion

Questions?

Discussion of the Executive Committee report and recommendations will take place at the Closing Session and the ITTC.A General Assembly Friday



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21/06/2021



Thank you for your attention

