

President's Report



ISSMO General Assembly at Sydney, Australia, June 9, 2015



Objectives of ISSMO

One of the aims of ISSMO is to **bring together** researchers and practitioners in the field of structural and multidisciplinary optimization (SMO), by means of **international meetings** having a high scientific standard.

- to **stimulate and promote research** into all aspects of the optimal design of structures as well as multidisciplinary design optimization where the involved disciplines deal with the analysis of solids, fluids or other field problems;
- to **encourage practical applications** of optimization methods and the corresponding software development in all branches of technology;
- to **foster the interchange of ideas** amongst various fields contributing to structural and multidisciplinary optimization;
- to **provide a framework for the organization** of meetings, forums and other means for the dissemination of knowledge on structural and multidisciplinary optimization; and
- to **promote teaching** of structural and multidisciplinary optimization in tertiary institutions.

From ISSMO's constitution



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Thanks to WCSMO-10 organizers



Thanks to the WCSMO-10 organizers in Florida for a well-organized and scientifically splendid congress.



Organized by:

Rafael Haftka (Congress Chairman)

Nam-Ho Kim (Secretariat)

LOC, local staff, IPC



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Thanks to supporters of WCSMO-11

Co-chairmen

Qing Li (Co-Chairman)
Grant Steven (Co-Chairman)

Secretariat

Zhongpu (Leo) Zhang (Secretary General)
Bryant (Che-Cheng) Chang
Junning (John) Chen
Ali Enterazi
Jianguang Fang
Salvatore Samuel Grasso
Zhipeng (Floyd) Liao
Andrian Sue
Sriram Tammareddi
Scott Townsend
Phillip Tran
Paul Wong
Nobuhiro Yoda
Dequan (Darren) Zhang
Keke (Marco) Zheng

Local Organizing Committee

International Paper Committee

Nam-Ho Kim (**IPC Chairman**)
Jose Miranda Guedes
James Guest
Shinji Nishawaki
Byeng Dong Youn
Grant Steven

SOTA Panel Speakers

Qing Li
Nozomu Kogiso
Ramana V. Grandhi
Erik Lund

WCSMO-11 Attendees



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WCSMO-11 Statistics - Participation:

- 447 papers/abstracts were submitted from 37 countries
- 437 papers accepted
- 343 papers (317 lectures and 26 posters*) are presented
- 363 registrations are completed from 31 countries.
- 419 participants in Florida.

At WCSMO-5, 286 papers were submitted
At WCSMO-6, 564 papers were submitted
At WCSMO-7, 419 papers were submitted
At WCSMO-8, 647 papers were submitted
At WCSMO-9, 407 papers were submitted
At WCSMO-10, 470 papers were submitted



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WCSMO-11 Statistics - Presentations:

China	76
South Korea	48
Japan	42
Australia	36
USA	32
Germany	20
Denmark	16
Brazil	9
France	8
UK	8
Belgium	6
Sweden	4
Netherlands	4
Hungary	3
South Africa	3
Poland	3
Portugal	3
Spain	3

Singapore	2
Romania	2
Russia	2
Norway	2
India	2
Israel	2
Vietnam	1
New Zealand	1
Canada	1
Taiwan, China	1
Indonesia	1
Colombia	1
Estonia	1
Malaysia	1
Switzerland	1
Hong Kong, China	1
Italy	1



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Society initiatives

- Reduced student fee at WCSMOs
- Reduced retired ISSMO member fee at WCSMOs
- IPC Travel cost
- Free access to Society Journal (Springer)*
- Web-page hosting costs
- Acknowledgement of "Society service"
- Sponsoring Working Group activities
 - Special sessions for WG at WCSMOs



ISSMO Endorsed Meetings

- 39th ASME Design Automation Conference (DAC), August 4-7, 2013 Portland, USA.
- 8th China-Japan-Korea Joint Symposium on Optimization of Structural and Mechanical System (CJK-OSM8) Gyeongju, Republic of Korea, May 25-29, 2014
- Conference on Engineering and Applied Sciences Optimization (OPT-i), Kos Island, June 2014.
- 15th AIAA/ISSMO Multidisciplinary Analysis and Optimization Conference, AIAA Aviation Forum, 16-20 June 2014, Atlanta, GA
- CISM Advanced School 'Topology optimization of structures and continua - computational aspects and background', Udine June 9-13, 2014.
- 10th ASMO UK / ISSMO conference on Engineering Design Optimization, Delft University of Technology, The Netherlands, June 30 - July 1, 2014.
- 40th ASME Design Automation Conference, August 17–20, 2014, Buffalo, New York, USA
- 4th International Conference on Engineering Optimization (EngOpt2014), Lisbon, Portugal, 8-11 September 2014.
- Workshop on Shape and Topology Optimization with PDE Constraints. August 11-15, 2014, LNCC / MCT, Petrópolis - Rio de Janeiro, BRASIL.
- MM&FGM 2014, October 19-22, 2014; Taua Resort, SP, Brazil
- Asian Society for Structural and Multidisciplinary Optimization (ASSMO), President Makoto Ohsaki, Co-presidents: Dong-Hoon Choi, Gang Li, Secretary: Shinji Nishiwaki

NB! “Endorsement” does not mean financial support



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