

Registration fees

IACM member: 50,000 yen (Late registration: 60,000 yen)
 Non-IACM member: 55,000 yen (Late registration: 65,000 yen)
 Student: 25,000 yen (Late registration: 30,000 yen)

Conference excursion

During the conference, a half day excursion to some memorial places damaged by the Great Hanshin-Awaji Earthquake which occurred in 1995, and also some places miraculously rebuilt from the disaster, is planned for participants to witness the efforts of recovery / reconstruction in the quake-scarred regions.

Conference committees

Conference Chair: D. Isobe (Univ. Tsukuba, Japan)
 Vice Chair: H. Okada (Tokyo Univ. Sci., Japan)
 Secretary General: Y. Tadano (Saga Univ., Japan)
 Secretary Local: M. Tsubokura (Kobe Univ./RIKEN R-CCS, Japan)

Local Organizing Committee:

M. Arai (Nagoya Univ., Japan)	M. Sakai (Univ Tokyo, Japan)
M. Asai (Kyushu Univ., Japan)	R. Shioya (Toyo Univ., Japan)
M. Beppu (NDA, Japan)	K. Takizawa (Waseda Univ., Japan)
K. Fujisawa (Kyoto Univ., Japan)	A. Takahashi (TUS, Japan)
S. Hagihara (Saga Univ., Japan)	T. Takaki (KIT, Japan)
T. Horiguchi (NDA, Japan)	M. Tanahashi (Tokyo Tech., Japan)
J. Kato (Nagoya Univ., Japan)	S. Tanaka (Univ. Tsukuba, Japan)
M. Kurumatani (Ibaraki Univ., Japan)	S. Taoka (Hiroshima Univ., Japan)
Y. Mukai (Kobe Univ., Japan)	T. Yamada (Univ. Tokyo, Japan)
Y. Nagano (Univ. Hyogo, Japan)	S. Yamasaki (Osaka Univ., Japan)
K. Nakajima (RIKEN R-CCS, Japan)	T. Yamashita (NIED, Japan)
S. Okazawa (Univ. Yamanashi, Japan)	

International Advisory Committee:

To be announced.

3rd International Conference on Computational Engineering and Science for Safety and Environmental Problems (COMPSAFE 2020)

March 8 – 11, 2020

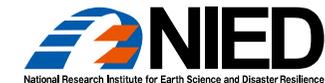
Kobe International Conference Center, Kobe, Japan



Hosting Organizations



Supporting Organizations



COMPSAFE 2020 website: www.compsafe2020.org

Secretary email: secretary@compsafe2020.org

© KOBE TOURISM BUREAU

Objective

Following the success of the first conference held in Sendai, Japan, during April 2014, and the second conference held in Chengdu, China, during October 2017, the Japan Society of Computational Engineering and Science (JSCES) and the Japan Association for Computational Mechanics (JACM) will jointly host the 3rd International Conference on Computational Engineering and Science for Safety and Environmental Problems (COMPSAFE2020) which will be held during March 8-11, 2020, in Kobe, Japan. This conference series is an APACM Thematic Conference and an IACM Special Interest Conference, aimed to bring together researchers and scientists from all over the world, who fight daily in the field of disaster prevention and mitigation, structural and material failure, safety and security maintenance, and so on. Other main topics of the conference include, but are not limited to: computational mechanics, computational engineering and science technologies, and their applications related to (1) safety- / risk-related, disaster-preventing topics including various types of natural hazards such as earthquake, tsunami, typhoon / hurricane / cyclone, flood, explosion of volcano, land slide, (2) any kinds of accidents and failures of engineering artifacts such as fractures, crashes, explosion, and (3) environmental and social problems such as air / water pollution, material failures, radioactive contamination, global environment problems, evacuation and so on. We hope this conference will play a role of creating networks between academia and industries and push forward the technologies in those fields.



Important dates

Online submission of minisymposia proposal opens	March 1, 2019
Deadline for minisymposium proposals	June 30, 2019
Online submission of abstracts opens	August 1, 2019
Deadline for abstracts submission	October 31, 2019
Notification of acceptance	November 15, 2019
Online submission of extended abstracts opens (optional)	December 15, 2019
Deadline for early registration	December 31, 2019
Deadline for extended abstracts submission (optional)	January 31, 2020

COMPSAFE 2020 website: www.compsafe2020.org

Secretary email: secretary@compsafe2020.org

© KOBE TOURISM BUREAU

Conference topics

Categories:

Safety- / risk-related, disaster-preventing topics including various types of natural hazards such as earthquake, tsunami, typhoon / hurricane / cyclone, flood, explosion of volcano, land slide
Any kinds of accidents and failures of engineering artifacts, i.e. civil construction, building, power/chemical/bio plants, machines, devices such as fractures, crashes, explosion, fire
Environmental and social problems such as air / water pollution, radioactive contamination, global environment problems, evacuation and so on

Methodologies:

Finite element methods
Finite volume methods
Finite difference methods
Boundary element methods
Meshfree methods
Particle methods
Other computational methods

Phenomena / Targets:

Acoustics
CAD / CAE Systems
Combustion / Fire / Explosion
Control / Estimation / Identification
Coupled Problems / Multiphysics Problems
Data Assimilation
Design / Optimization / Sensitivity Analysis
Earthquake Engineering
Environmental Fluid Mechanics
Fluid Dynamics
Fluid-Structure Interaction
Failure / Fracture Mechanics / Damage Mechanics
Free-surface Flows
Geophysical Fluid Dynamics
Grid / Cloud / GPGPU Computing
High-Performance Computing
High-Quality Computing
Hydrodynamics
Inverse Analysis
Mathematics of Computational Methods
Mesh Generation
Multiphase Flows
Multiscale Problems
Nonlinear Behaviors of Solids
Pre/Post Processing
Resilience Engineering
Shallow Water Flows
Soft and Intelligent Computing
Soil-Structure Interaction
Stochastic Approaches
Structural Collapse / Impact analyses
Tsunami / Storm Surge / Flood
Reliability/ Risk Analyses
Turbulence
Verification and Validation
Virtual / Augmented Reality
Vulnerability of Buildings
Wind Engineering
Wave Propagation



Call for minisymposia proposals

A minisymposium consists of one or more technical sessions that focus on a specific topic or research area in the scope of COMPSAFE. The technical sessions provide a flexible format that accommodates keynote lectures, invited, and contributed papers. Volunteer minisymposium organizers will develop each minisymposium individually. The organizers are responsible for the technical content of their minisymposium; they select the invited participants, and review abstracts of contributed papers.

All proposals must be submitted electronically via the Conference web site. There should be at least two organizers for each minisymposium, and it is desirable that they represent more than one institution. The deadline for minisymposia proposals is June 30, 2019.

Call for technical papers

All technical papers, including keynote, invited, and contributed presentations, will be presented within one of the minisymposia. One-page abstracts in PDF format are required for all papers. Abstracts must be submitted to one of the accepted minisymposia organizers for review.

All abstracts must be submitted electronically using the abstract submission system that will be available on the Conference web site, beginning August 1, 2019. The deadline for abstracts submission is October 31, 2019.

About Kobe

Kobe is the capital of Hyogo Prefecture with its population of about 1.53 million, designated by government as one of twenty major cities in Japan. Located between the sea and the Rokko mountain range, Kobe is also considered as one of Japan's most attractive cities for both domestic and international tourists. Kobe has also been an important port city for many centuries, and was among the first to be opened to foreign trade in the 19th century. In 1995, Kobe was hit by the Great Hanshin-Awaji Earthquake. Today the city has been recovered completely from the disaster, and few signs of the terrible event remain now. Kobe is home to many attractions: Arima Onsen, one of the oldest Hot Springs in Japan; The "ten-million-dollar night view" from the top of Mt. Rokko; Akashi Kaikyo Bridge, the longest suspension bridge in the world; Kobe beef, the world-famous melt-in-your-mouth beef; Sake breweries, where you can see how sake is produced. Kobe is close to three airports in the Kansai area (Kansai International Airport, Osaka International Airport, and Kobe Airport) and has a Shinkansen station (Shin-Kobe), offering excellent access, from both international and domestic locations.

