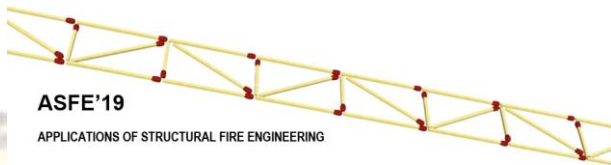
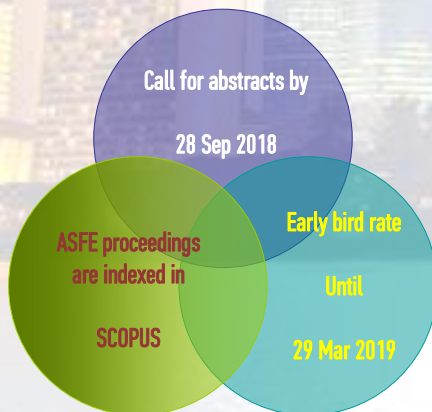


WELCOME TO THE INTERNATIONAL CONFERENCE ON



APPLICATIONS OF STRUCTURAL FIRE ENGINEERING

ASFE 2019 13-14 June 2019



<http://event.ntu.edu.sg/asfe/>
Contact Email: ASFE2019@ntu.edu.sg

APPLICATIONS OF STRUCTURAL FIRE ENGINEERING (ASFE'19) conference will be the next in a series of successful ASFE conferences in 2009, 2011, 2013, 2015 and 2017, aiming to bring together international experts and specialists to share research findings and practical experience in the field of fire engineering at Nanyang Technological University (NTU), Singapore. This conference will generally focus on the application of design methods for structures to resist fire, with relevant themes being fire testing, simulation of heat transfer between fire and structures, modelling of structural behaviour at elevated temperatures using numerical methods or software implementations of design codes, case studies showing successful applications of performance-based structural fire safety design, as well as new research studies on the relationship between experimental findings, calculation methods and FE simulations. Specifically, ASFE'19 covers the following topics:

- Concrete structures
- Steel structures
- Composite structures
- Timber structures
- Cementitious materials
- Fire protection
- Concrete spalling
- Numerical modeling
- Applications of structural fire engineering
- Standardisation
- Material development

CALL FOR ABSTRACT

The abstract should be written in English and have a length of 200-300 words. Please indicate the title of the paper, the authors, the affiliations, the addresses, and other contact details. The abstract may be submitted via email to ASFE2019@ntu.edu.sg.

Once your abstract is accepted, you are welcome to submit a full paper for the final programme. All the accepted full papers will be published in the conference proceedings. It is our pleasure to announce that the ASFE proceedings are now indexed in SCOPUS, the largest database of peer-reviewed literature.

IMPORTANT DATES

Submission of Abstracts	28 September 2018
Notification of Abstract Acceptance	26 October 2018
Submission of Full Papers	19 January 2019
Early Bird Registration	29 March 2019
Conference	13-14 June 2019

REGISTRATION FEES

Category	Early Bird Registration (By 29 March 2019)	Late Registration (After 29 March 2019)
Regular	SGD 630	SGD 750
Student	SGD 450	SGD 550
Banquet for accompanying person	SGD 100	SGD 130

CONFERENCE VENUE

The conference will be held at Nanyang Executive Centre (NEC), Nanyang Technological University, in which the auditorium can accommodate 210 persons, and different types of guest rooms and suites are also provided.



ADDRESS:
Nanyang Executive Centre (NEC)
60 Nanyang View
Singapore 639673

KEYNOTE SPEAKERS

BLOCK, Florian - Germany
BURGESS, Ian - UK
HAN, Lin Hai - CHINA
LI, Guo Qiang - CHINA
KODUR, Venkatesh - USA
WU, Bo - CHINA

STEERING COMMITTEE

BURGESS, Ian - UK
KODUR, Venkatesh - USA
TAN, Kang Hai - Singapore
WALD, František - Czech Republic
WANG, Yong - UK

SCIENTIFIC COMMITTEE

ABU, Anthony	LI, Guo Qiang
ALI, Faris	LIEW, Jat Yuen Richard
BISBY, Luke	LUO, Ming Chun
BLOCK, Florian	MAHENDRAN, Mahen
BURGESS, Ian	MENDIS, Priyan
CHUNG, Kwok-Fai	NADJAI, Ali
CLIFTON, Charles	NIGRO, Emidio
DEHN, Frank	OZAWA, Mitsuo
DONG, Yu Li	PIMIENTA, Pierre
DU, Yong	REIN, Guillermo
ENGELHARDT, Michiael	ROMERO, Manuel
FONTANA, Mario	TAERWE, Luc
FRANGI, Andrea	TORERO, Jose
FRANSSSEN, Jean-Marc	USMANI, Asif
GAMBAROVA, Pietro	VELJKOVIC, Milan
GARDNER, Leroy	VILA REAL, Paulo
HAN, Lin Hai	WANG, Yong
HUANG, Zhao Hui	WU, Bo
IZZUDDIN, Bassam	YANG, Bo
KNOBLOCH, Markus	YAO, Yao
KODUR, Venkatesh	YOUNG, Ben
LAM, Dennis	ZAHARIA, Raul

ORGANISING COMMITTEE

TAN, Kang Hai (Chair)	Professor, NTU
ZHAO, Ou (Deputy Chair)	Assistant Professor, NTU
ARAVIND, Dasari	Associate Professor, NTU
TAY, Yak Hong	TYH Consulting Engineers
LIANG, Yating	Research Fellow, NTU
WANG, Lijie	Research Fellow, NTU
CHEN, Shuang	Research Fellow, NTU
ZHANG, Dong	Research Associate, NTU

ABOUT NTU SINGAPORE

As a research-intensive public university, Nanyang Technological University has 33,500 undergraduates and postgraduates in the colleges of Engineering, Science, Business, Humanities, Arts and Social Sciences. NTU is also home to various world-class autonomous institutes and research centers, including the National Institute of Education (NIE) and Nanyang Environment & Water Research Institute (NEWRI). The University's campus is listed among the Top 15 Most Beautiful University Campuses in the world.



NTU campus



The Hive



The Wave

FIRE RESEARCH

Our fire research group at NTU focuses on

- Performance of structural members in fire
- Post-fire behaviour of structures
- Development of innovative fire-resisting materials
- FE simulations of fire performance of structures and heat transfer analysis
- Modelling of building evacuation in case of fire

The testing facilities at NTU are suitable for structural member (e.g., column, beam and slab) and joint testing as well as cruciform testing at elevated temperatures and after fire.



ATTRACTIONS IN SINGAPORE

Singapore offers more than just high-end shopping malls, luxury hotels, and fine dining (though it's worth indulging in those a bit if you can). There is also a vibrant history and diverse ethnic quarters to discover, along with many family-friendly attractions and lovely public spaces that make visiting this slightly futuristic city worthwhile.

