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M. Eliášová  
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J. Macháček

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Z. Sokol  
M. Šorf  
F. Wald  
B. Židlický

## COLLOQUIUM CONTACT

[sdss2019.cz](mailto:sdss2019.cz)  
[info@sdss2019.cz](mailto:info@sdss2019.cz)



# The International Colloquium on Stability and Ductility of Steel Structures

Prague 2019  
11-13 September



FACULTY OF CIVIL  
ENGINEERING  
CTU IN PRAGUE

## INTRODUCTION

The series of International Colloquia on Stability and Ductility of Steel Structures have been supported by the Structural Stability Research Council (SSRC) for more than forty years and its objective is to present the progress in theoretical, numerical and experimental research in the field of stability and ductility of steel and steel-concrete composite structures. Special emphasis is laid on new concepts and procedures concerning the analysis and design of steel structures and on the background, development and application of rules and recommendations either appearing in recently published Codes or Specifications or about to be included in their upcoming versions.

This International Colloquium series started in 1972 in Paris and its subsequent editions took place in different cities with the last five being held in: Timisoara, Romania (1999), Budapest, Hungary (2002), Lisbon, Portugal (2006), Rio de Janeiro, Brazil (2010) and Timisoara, Romania (2016).

The 2019 edition of SDSS is organized by the Czech Technical University in Prague. The university held the second edition of the Eurosteel conference in 1999 and first three editions of Applications of Structural Fire Engineering (ASFE) conference (2009, 2011 and 2013).

It is our pleasure to invite you to Prague again for the International Colloquium SDSS at the beginning of September 2019.

František Wald  
Michal Jandera



## DATE AND VENUE

**11-13 September 2019**

Czech Republic - Prague

**Czech Technical University in Prague**

Faculty of Civil Engineering

Thákurova 7, 166 29 Prague 6

## KEY DATES

Call for abstracts and submission opening: **01.06.2018**

Abstract submission deadline: **31.10.2018**

Acceptance of abstracts and call for papers: **15.12.2018**

Submission of full papers: **15.02.2019**

Acceptance of papers: **01.05.2019**

Submission of final papers and registration: **15.05.2019**

SDSS 2019 opening: **11.09.2019**

## REGISTRATION FEE

	Early bird registration by 1 June 2019	Standard registration after 1 June 2019
Conference participant regular	€ 500	€ 580
Conference participant student	€ 400	€ 450
Accompanying person	€ 120	€ 150
Kutná Hora trip after the closing session	€ 95	

No more than two papers can be presented by one registered participant. The conference participant fee covers an electronic copy of the Proceedings, admission to the technical sessions, lunches, coffee breaks, welcome reception and banquet dinner. The student registration fee applies to students of up to 35 years of age.

Welcome reception and conference banquet are included in the fee for accompanying persons.

The sightseeing trip to Kutná Hora can be purchased separately on request and will be organised for 10 participants as minimum. It is planned for the afternoon of the last day of the conference after the Closing Session.

## ABSTRACT SUBMISSION

Abstract should be submitted to the e-mail address **michal.jandera@sdss2019.cz** by 31st October 2018. The abstract should summarise the content of the paper clearly and highlight its contribution to the current scope of knowledge and research.

## PROCEEDINGS

The papers accepted by the SDSS 2019 Scientific Committee and presented at the colloquium will be published in electronic Proceedings distributed to the participants at registration and covered by SCOPUS.

## MAIN TOPICS OF THE COLLOQUIUM

- Advanced structural analysis
- Bridges and footbridges
- Cold-formed members
- Connections
- Cyclic and blast loading
- Damage repair and assessment of steel structures
- Design codes and standards
- Dynamic behaviour and analysis
- Fatigue and fracture mechanics
- Fire engineering
- Frames
- High strength & stainless steel
- Innovative structural designs and applications
- Lightweight aluminium structures
- Lightweight fibre reinforced plastic composite structures
- Member behaviour: tension, compression, beams, beam-columns
- Off-shore structures
- Plate, shell and space structures
- Reliability and safety
- Robustness
- Seismic-resistant structures
- Stability of glass and hybrid structures
- Steel-concrete composite members and structures
- Thin-walled constructions
- Trusses, towers and masts
- Tubular constructions