

Program Committee

Our respected program committee representing the automotive industry, suppliers, steel industry, science and associations will ensure the highest quality standards for the program. To find out who's who on the program committee please visit: www.sct-2020.com.

Abstract Submission

To submit an abstract, please proceed as follows:

- 1) The abstract should be a maximum of 300 words.
- 2) Submit your abstract online at:
www.sct-2020.com > Submission of Abstracts
(please completely fill out all fields).

Important Information

Please note that we only accept abstract submissions online (We are not able to accept submissions via fax or e-mail).

September 30, 2019	Abstract submission deadline
October, 2019	Evaluation by the Program Committee Notification of the decision Delivery of speaker guidelines
February 28, 2020	Full paper submission deadline
April 30, 2020	PowerPoint presentation slides deadline
June 14 – 18, 2020	SCT 2020

Summarized preliminary timetable

June 2020

Sunday 14	Get-together	Exhibition
Monday 15	Opening Plenary session Technical sessions	
Tuesday 16	Technical sessions Evening event	
Wednesday 17	Technical sessions Closing session	
Thursday 18	Plant visits	



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Supporters 2020



Host & Organizer

TEMA Technologie Marketing AG
Mr. Carsten Scheele
Aachener-und-Münchener-Allee 9
52074 Aachen, Germany



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Partner Association



Research Association for Steel Application



www.sct-2020.com

6th

SCT2020

6th International Conference on Steels in Cars and Trucks

Steels in Cars and Trucks

June 14 – 18, 2020

Milan, Italy

www.SCT-2020.com



Call for Papers

- Steel Components in Cars and Trucks
- Manufacturing of Components
- New high performance Steels
- Modelling, Simulation and Testing
- Special Topic: LIGHTWEIGHT forging



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Call for Papers – Information

The SCT 2020 topics will be of interest to all engineers from the industrial sector as well as scientists in related disciplines who participate in the event, i. e. the automotive industry with passenger cars, trucks and buses as well as the suppliers and steel industries. Sustainable reduction of both cost and energy consumption while at the same time improving the safety of vehicles over a complete lifecycle assessment through the optimal integration of steel, design and manufacturing processes plays a leading role in these future trends. The content of the SCT 2020 takes into account the change in driving systems in the global mobility. The SCT 2020 will demonstrate the progress and advantages in steel manufacturing along the value added chains to reach innovations for sustainable, economic and environmentally friendly vehicles for the future. Contributions will focus on topics bridging research, production of steels, manufacturing of components and their applications.

Milan – the place to be!

Milan is a very accessible and compact city with a historic city centre. It is vibrant, multicultural and hosts many exciting festivals, events and exhibitions.

The worldwide known city has been a centre of creativity and culture for centuries. From its humble beginnings to today it has played a current role as a major hub for business and tourism.

Hotel Accommodations

NH Milano Congress Centre is located in Assago, Milan's business district, where major multinational companies have their headquarters. It is just 15 minutes away from the city centre and nearby

the vibrant Navigli area, full of restaurants, shops and nightlife. With a short walk guests can reach the Mediolanum Forum, which hosts international concerts and sporting events. The Assago Forum metro stop, which takes you to the city centre and to the railway station, is just across the street.

Address:

NH Milano Congress Centre
Strada 2a, Milanofori
20090 Milan, Italy
T. +39 02 82221



Future trends in steel development, processing technologies and applications

www.sct-2020.com

Main Topics



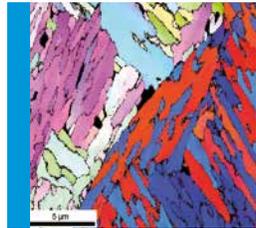
Steel Components in Cars and Trucks

body structure, forged and stamped parts, engine (conventional, electrical), propulsion transmission systems, axle, shafts, bearings, precision pipes and gears, steering and chassis, wheels, breaks, accessories, engine management, injection, new drive systems (e. g. electrical hybrid, fuel cell).



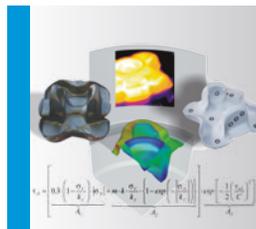
Manufacturing of Components

intelligent forming processes, new developments in heat treatment techniques, hybrid and additive manufacturing, multi-material design, efficient joining techniques, innovative and economic process chains, new surface techniques (corrosion and wear protection, paint adherence) intelligent machining processes.



New high performance Steels

modern steel design, improved and adjusted properties, new product forms, new surface coatings, adjusted forming, light weight construction with forged components, recyclability, lifecycle assessment. Hydrogen resistant steels 3rd generation of AHSS, bainitic steels, new electrical steels.



Modelling, Simulation and Testing

numerical simulation of steel properties, components, joints and processes, (rapid) simultaneous engineering, virtual engineering and related topics, digital transformation in material development, innovative testing methods for material components and vehicles, quality assessment and part integrity, new methods for characterization of material properties.



Special Topic: LIGHTWEIGHT forging

50 industrial partners – 1.900 ideas – 358 kg lightweight potential reports on four studies of industrial lightweight design potential of a passenger car, a light commercial vehicle, a hybrid passenger car (HEV) and a heavy duty commercial vehicle (HDV); reports of "Lightweight Forging" research network; as a result: significant reduction in energy consumption and CO₂ emissions through new lightweight solutions based on design and material concepts for forged components; experiences and insights from industry and research.

Participants

To secure your seat at this outstanding international conference, please let the organizers keep you informed via e-mail or post. Please fill out the online feedback form at: www.SCT-2020.com.

Exhibitors

Exhibiting at SCT 2020 is easy. We have several packages for exhibitors and you will find a detailed description at www.SCT-2020.com, or simply contact the organizer for individual arrangements. We will be pleased to discuss your exhibiting requirements at SCT 2020 with you. We are certain to have a package that suits your needs. We will provide you with either one of our standard packages (so to say, "off the shelf" packages) or we can plan your individual booth together with you.

Sponsors

We invite you to take an active role in SCT 2020, with attractive packages which can be tailored to suit your individual needs.

Sponsorship types

We offer high valued Platinum, Gold, Silver or Item sponsorship packages. As a Platinum, Gold or Silver Sponsor you receive a preferred position with 20, 15 or 8 sqm in the exhibition. An exhibitor you are also warmly welcome.

In 2020 we additionally offer a package to "Support Next Generation".

Bringing the automotive, supplier and steel industry together

