

is a Federation of European National Spring Associations. Its membership comprises National Spring Associations of Austria, Finland, France, Germany, Italy and Spain as well as some companies of Czech Republic, Denmark, Poland, Sweden, Switzerland and United Kingdom. The objective of the Federation is to look after and further the interests of its members at European and international level.

www.esf-springs.com

is the professional industry association of more than 100 German, some European Springmakers and their suppliers (59 companies). VDFI represents the economic and technical interests of German spring industry towards third parties like customers, higher authorities etc.

www.federnverband.de

OUR PARTNERS

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More information and registration:
<https://timechange.etool.biz/10th-international-congress-of-spring-industry-2019>

invitation

September 27th, 2019
 Hamburg, Germany

10th international congress



of
 spring
 industry



Meeting venue:
Hyperion Hotel Hamburg
 Amsinckstraße 39
 20097 Hamburg
 Germany

THURSDAY - SEPTEMBER 26th, 2019

07:00 p.m. **Welcome evening**
(Room: Marco Polo I - IV)



FRIDAY - SEPTEMBER 27th, 2019

08:30 a.m. **Start registration in hotel**
(2nd floor)

09:00 a.m. **Welcome to participants**
Tomi PARMASUO
President of ESF

09:15 a.m. **EU Industrial Vision 2030 and the Transformation of Business**
Tomas HEDENBORG
Orgalime President

10:00 a.m. **Coffee break**

10:30 a.m. **Economic Situation of the Spring Industry in Different Parts of the World**
Guest speakers all around the globe

12:30 p.m. **Lunch at hotel**

02:00 p.m. **Report of ISO/TC 227 "Springs"**
Shigeo AIBA,
Japan Spring Manufacturers Association



Creep and Relaxation Behavior of Spring Steel Wire in Springs
Prof. Dr. Ulf KLETZIN
Technische Universität Ilmenau

Industry 4.0
Dr. Uwe-Peter WEIGMANN
WAFIOS AG

3D metal printing
Fernando OHARRIZ,
OPTIMUS 3D SL, ADDIMAT

E-Mobility – quo vadis?
Perspectives of future Powertrain Systems
Alexander BUSSE
Forschungsgesellschaft Krafftahwesen

05:00 p.m. **Closing of the congress**
Tomi PARMASUO

07:00 p.m. **Dinner at Restaurant "Parlament"**,
Rathausmarkt 1, 20095 Hamburg
www.parlament-hamburg.de

The Restaurant "Parlament" is located in the basement of the city hall – a modern piece of „Hanseatic Tradition“ right in the city centre of Hamburg.

PARTNER TOUR

FRIDAY - SEPTEMBER 27th, 2019

10:00 a.m. **Visit of the historical warehouse complex, Speicherstadt, with coffee tasting**
incl. Lunch

Your partners will be picked up by your local tour guide to start by bus to a coffee tasting and roasting in the historical warehouse complex in the "Genuss-Speicher". After the tasting the guests will visit the Coffee Museum.

For lunch, we will take you to restaurant "Wandrahm" located near the Elbphilharmonie. The food here is excellent with fresh and individual creations.

After lunch the tour through the warehouse complex will be continued.

04:00 p.m. **Arrival at hotel**



SOCIAL PROGRAM

SATURDAY - SEPTEMBER 28th, 2019

10:00 a.m. **Hamburg harbour tour and visit Elbphilharmonie**
incl. Lunch

Boat trip with the barkasse (former dockworkers ferry) "Diplomat" through Hamburg harbour.

We will stop for lunch in the restaurant "Störtebeker" directly in the Elbphilharmonie.

After lunch we will visit the Elbphilharmonie plaza located at a height of 37 meters above ground level. The platform offers a breathtaking 360° view of the city and the harbour.

04:00 p.m. **Arrival at hotel**

Optionally, the Miniature Wonderland can then be visited.

