



25th - 27th September 2017

Haifa, Israel

Contact

International and national Chairmen:

Prof. Dr.-Ing. Günther Seliger, Technische Universität Berlin

Prof. Dr.-Ing. Holger Kohl, Fraunhofer IPK

Prof. Ph.D. Moshe Shpitalni, Technion Haifa

Prof. Dr.-Ing. Rafi Wertheim, Fraunhofer IJ

Program Chairwoman:

Prof. Ph.D. Anath Fischer, Technion Haifa

Honorary Chairman:

Stef Wertheimer, Founder of Iscar, Industrialist

Contact Person:

M. Sc. Mustafa Severengiz, Technische Universität Berlin

E-Mail: gcsm@mf.tu-berlin.de

M. Sc. Ronit Schneor (*local contact*), Technion Haifa

E-Mail: schneor@technion.ac.il



Website: www.gcsm.eu



15th Global Conference on Sustainable Manufacturing GCSM



Sponsored by CIRP
International Academy
for Production Engineering



Venue & Settings

ISRAEL is located in the Middle East, along the eastern coastline of the Mediterranean Sea. Since its inception, Israel's population has grown to 8.5 million inhabitants comprising a mosaic of people with varied ethnic backgrounds, life-styles, religions, cultures, and traditions.

Israel's institutions of higher education include universities, offering a wide range of subjects in science and humanities, and serving as research institutions of worldwide reputation. The country's high level of scientific research and development and its application compensate the country's lack of natural resources and laid the foundation for successful innovation.

Israel's industry concentrates on manufacturing high-quality products that are primarily based on technological innovation. Technological and educational collaboration between Israel and its neighbor countries will advance the process of bridging the gap of economic cultures, and will bring prosperity to the Middle East region and the whole world.

HAIFA, with its Carmel Nature Reserve, is Israel's third largest city and one of its prettiest. It has a large port and a particularly active beach. Haifa is the home of the World Center of the Baha'i, which is considered one of the wonders of the world. The city contains an interesting mix of modern neighborhoods and older districts, churches and mosques, mountains and sea. With residents from the three largest religions as well as from various minority faiths, Haifa is also a symbol of outstanding coexistence and tolerance.



Topics

- Awareness for sustainability
- Education, learning and qualification for sustainable engineering
- Global and regional product development
- Product design for resource efficiency and effectiveness
- Design for manufacturing that considers human factors and environmental aspects
- Innovative design, product engineering and new materials
- Manufacturing processes, tools and equipment
- Energy and resource efficiency
- Resource utilization and waste reduction
- Maintenance, service, repair and overhaul
- Remanufacturing, reuse and recycling
- Water resource management
- Information and communication technologies for sustainability
- Product lifecycle, information and knowledge management
- Green supply chain and transportation
- Automotive industry; manufacturing, usage and environment
- Additive manufacturing
- Strategies and business models for sustainable development
- Value creation by sustainable manufacturing
- Adequate environments for entrepreneurial initiatives
- Nano technologies and sustainability assessment



15th GCSM Invitation

Technion, Israel Institute of Technology, together with the Technische Universität Berlin, Fraunhofer IPK and IJ are jointly organizing the 15th GCSM in Haifa, Israel.

GCSM serves as a forum for academics, researchers, and specialists from international universities, research institutes and industrial companies working on topics related to sustainable manufacturing. It offers keynote speeches, panel discussions and parallel session presentations on leading subjects.

The 15th GCSM will be held on the campus of the Technion, a science and technology research university, among the world's top ten, dedicated to the creation of knowledge and the development of human capital and leadership, for the advancement of the State of Israel and all humanity. Technion graduates comprise the majority of Israeli-educated scientists and engineers, constituting over 70% of the country's founders and managers of high-tech industries and production facilities.

We are looking forward to welcoming you to Haifa for the 15th GCSM. Best regards,

Günther Seliger, Holger Kohl, Moshe Shpitalni, Rafi Wertheim, Anath Fischer

All accepted papers will be published as open access in Procedia Manufacturing (www.journals.elsevier.com/procedia-manufacturing).

Deadlines

February 15th– Update: February 28th 2017	Abstract submission
February 28th Update: March 3rd 2017	Notification of abstract acceptance/rejection
April 10th 2017	Full paper submission
June 12th 2017	Notification of full paper acceptance/rejection

Registration Fees

Early bird	€ 420	Until March 31 st 2017
Regular	€ 450	Until August 31 st 2017
On-site	€ 520	After August 31 st 2017
Industrial Tours (24. & 28.09.2017)	€ 50 € 75	Tour on September 24 th Tour on September 28 th