



Venue

The 12th GCSM will be at **Puteri Pacific Johor Bahru** hotel.

On Sept 24th, the sessions will be held at Universiti Teknologi Malaysia's main campus in Johor Bahru. Complimentary transport to and from the Puteri Pacific Johor Bahru hotel will be provided.

Special Events

Blue Responsibility Award: Manufacturing for a Sustainable Terra Preta Sanitation System

An international competition for sustainable sanitation system design. Selected designs will be presented on Sept 24th at Universiti Teknologi Malaysia's Johor Bahru campus.

Post Conference Workshop on Remanufacturing

A full day Post Conference Workshop on "Remanufacturing in Malaysia" will be held in UTM's Kuala Lumpur campus on Sept 25th. GCSM participants are all invited. The workshop aims to facilitate GCSM participants for a personal discussion session with Malaysian remanufacturers on the issues and challenges they are facing. Sessions will run in parallel, and will be categorized according to the industry type. Participants will have an opportunity to visit a Malaysian remanufacturer on the outskirts of Kuala Lumpur.

Complimentary transportation from UTM's Johor Bahru campus to UTM's Kuala Lumpur campus will be provided on Sept 24th. For accommodation, participants can book their accommodation in UTM's Kuala Lumpur two on-campus hotels or nearby hotels. The Post Conference Workshop will end with a dinner in the renowned Atmosphere 360 restaurant, a revolving restaurant with the Kuala Lumpur skyline as its view.

Chairman:
Prof. Dr.-Ing. Günther Seliger

Co-Chairman
Prof. Dr. Noordin Mohd. Yusof

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Global Conference on Sustainable Manufacturing

Emerging Potential



22nd - 24th September 2014
Johor Bahru, Malaysia

www.gcsm.eu



Sponsored by CIRP
International Academy for Production Engineering



12th GCSM Invitation Topics

Technische Universität Berlin and Universiti Teknologi Malaysia will organize the 12th Global Conference on Sustainable Manufacturing in Johor Bahru, Malaysia on the 22nd - 24th September, 2014. This conference is sponsored by the International Academy for Production Engineering (CIRP). GCSM serves as a forum for academics, researchers, and practitioners from international universities and research institutes and industrial companies working on topics related to sustainable manufacturing. It offers keynote speeches, panel discussions and parallel session presentations.

You are cordially invited to submit a paper to the conference which is expected to attract representatives from academia and industry from all over the world.

Under the auspices of GCSM, a global competition on sustainable sanitation systems, with 10,000 Euros awards, will also be held. A Post Conference Workshop on Remanufacturing will also be held in UTM's Kuala Lumpur campus. To be discussed are Policy Recommendations, Roadmap, and Industry - Government - Universities - Research Institution collaboration framework.

Looking forward to welcome you to Johor Bahru for the 12th GCSM.

Best regards,

Günther Seliger and Noordin Mohd. Yusof

- Adequate environment for entrepreneurial initiative
- Awareness for sustainability in public and government
- Case studies in implementing various aspects of sustainable manufacturing
- Education for sustainable engineering
- Green supply chain and transportation
- Information and communications technology
- Innovative energy conversion and utilization
- Life cycle engineering and assessment
- Maintenance, repair and overhaul
- Manufacturing processes, tools and technologies
- Potentials of renewables
- Product design for resource efficiency and effectiveness
- Product service system
- Remanufacturing, reuse and recycling
- Resource utilization and waste reduction
- Strategies and business models for sustainable development
- Sustainability assessment and optimization
- Value creation by sustainable manufacturing
- Water resource management for sustainability

Publications

All accepted papers will be published as an open access in **Procedia CIRP** (Scopus, EI, WoS CPCI indexed).

Extended version of selected papers will be recommended for publication in related journals.

Deadlines

12.05.2014: Due for full paper submission

14.07.2014: Notification of full paper acceptance/rejection

28.07.2014: Due for final manuscript submission

28.08.2014: Due for online registration

Registration fees

early bird: € 370 before 31.03.14

regular participant: € 445 before 15.08.14

on-site: € 515 after 15.08.14

student on stipend: € 225

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