

# Institute for Sustainable Manufacturing

## Half-day Workshop on

### Introduction to Sustainable Manufacturing: *Recent Trends, Metrics and Methodologies for Evaluation*

October 1, 2018

**Overview:** This workshop will present an overview of current trends in sustainable manufacturing, and tools and methods for evaluation. Topics will include: sustainable manufacturing metrics, sustainable value stream mapping, sustainable supply chain management, and assessment methods, as well as an overview of the latest global trends in sustainable manufacturing.

**Presenters:** Dr. Fazleena Badurdeen and Dr. I.S. Jawahir (University of Kentucky) and Dr. Tao Lu (SME)

#### Schedule

8:30 AM – 9:00 AM	Registration and Continental Breakfast
9:00 AM – 9:05 AM	Welcome ( <i>Dr. Julius Schoop</i> )
9:05 AM – 9:35 AM	Current Trends in Sustainable Manufacturing ( <i>Dr. I.S. Jawahir</i> )
9:35 AM – 10:00 AM	Metrics-based Evaluation of Sustainable Products ( <i>Dr. I.S. Jawahir</i> )
10:00 AM – 10:50 AM	Metrics-based Evaluation of Sustainable Manufacturing Processes ( <i>Dr. Tao Lu</i> )
10:50 AM – 11:00 AM	Break
11:00 AM – 11:50 AM	Metrics-based Evaluation of Sustainable Systems ( <i>Dr. F. Badurdeen</i> )
11:50 AM – 12:40 PM	Sustainable Value Stream Mapping ( <i>Dr. F. Badurdeen</i> )
12:40 AM – 1:00 PM	Summary and Wrap up
1:00 PM – 2:00 PM	Lunch

**Workshop Registration Fee:** \$ 200 (*Continental breakfast, refreshments, lunch, and workshop material*)

Register at: <https://events.engr.uky.edu/gcsm2018-workshop-reg/>

**Registration Deadline:** September 21, 2018 (*Limited seats available on first-come, first-served basis*)

**Workshop Venue:** Room 330AB, Bill Gatton Student Center, University of Kentucky

For additional information, visit: <https://gcsm.eu/workshop> or contact,

**Workshop Coordinator:** Dr. Julius Schoop ([julius.schoop@uky.edu](mailto:julius.schoop@uky.edu))

## 16<sup>th</sup> Global Conference on Sustainable Manufacturing

October 2 - 4, 2018 | Lexington, KY, USA