

# SEMI Global Update



April 27, 2021



## Market Research

### March Billings Extend Record Streak

"Billings of North America-based semiconductor equipment manufacturers continued to edge up in March ..." said Ajit Manocha, SEMI president and CEO.



## Global Advocacy

### SEMI Applauds Introduction of Endless Frontier Act to Boost U.S. Technology Innovation

"The Endless Frontier Act will help ensure that critical technologies powered by chips will continue to spur ..." said Ajit Manocha, SEMI president and CEO.



## Smart Manufacturing

### Smart Factory in Electronics Manufacturing: AI-based Closed-Loop Self-Optimization Platform

With the help of AI and big data collected from various inspectional operations, SMA processes can be intelligent and flexible in response to dynamic ...



## Engineering Simulation

### How Artificial Intelligence and Machine Learning are Changing Simulation

We believe that AI/ML will help us narrow the gap between the ideal world, where time, effort, efficiency and results are perfectly balanced, and what happens in ...

## Standards

### Equipment RAMP Standard Updated



A frequent request from industry was to provide more metrics for critical subsystems in several different types of equipment systems, in addition to ...



SEMI-Related

### NASA's Mars Perseverance Rover Produces Oxygen on Another Planet for the First Time

Thanks to an MIT-designed instrument called MOXIE, a NASA mission has produced oxygen on another planet for the first time.

## More News

- [Window on China](#)
- [SEMI Blog](#)
- [Advanced Packaging](#)
- [Coronavirus: SEMI Events Status Updates](#)

## Upcoming Events/Webinars

May 10-12, 2021

Virtual ASMC 2021

Pacific Daylight Time

May 11, 2021

Supplier Diversity Webinar

Pacific Daylight Time

May 12-18, 2021

SMC Korea 2021

Korea Standard Time



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**POST-COVID 19:  
Opportunities for European  
Companies in the Robust  
Supply Chain & Ecosystem  
in Penang, Malaysia**

APRIL 28, 2021 | 1600 - 1730 (Malaysia / Singapore Time)  
APRIL 28, 2021 | 1000 - 1130 (Central European Time)

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