



**2025**  
**REMADE<sup>SM</sup>**  
**CIRCULAR**  
**ECONOMY**  
**TECH SUMMIT**  
**& CONFERENCE**

# CALL FOR PAPERS



Venue:  
**NATIONAL  
ACADEMY  
OF SCIENCES  
BUILDING**

2101 Constitution Ave. N.W.  
Washington, D.C.

When:  
**APRIL  
10-11,  
2025**

IN PARTNERSHIP WITH:



**ELLEN MACARTHUR  
FOUNDATION**

SUPPORTED BY:

U.S. DEPARTMENT OF  
**ENERGY**

*Office of*  
**ENERGY EFFICIENCY &  
RENEWABLE ENERGY**

#### CONFERENCE CHAIR

Nabil Nasr  
*REMADE Institute*

#### ORGANIZING COMMITTEE

Kevin Anderson  
*Brunswick Corporation - Mercury Marine Division*

Magdi Azer  
*REMADE Institute*

Joe Cresko  
*U.S. Department of Energy*

Ed Daniels  
*REMADE Institute*

John Kreckel  
*REMADE Institute*

Barbara Reck  
*Yale University*

Michael Thurston  
*Rochester Institute of Technology*

#### PROGRAM COMMITTEE

Mohamed Aboukhatwa  
*University of Illinois at Urbana-Champaign*

Callie Babbitt  
*Rochester Institute of Technology*

Bert Bras  
*Georgia Tech*

Wan-Ting (Grace) Chen  
*University of Massachusetts – Lowell*

Dan Cooper  
*University of Michigan*

Sarah Coulter  
*Accelerating Circularity*

Damon Hartley  
*Idaho National Laboratory*

Brian Hilton  
*Rochester Institute of Technology*

Li Jia  
*University of Akron*

Sami Kara  
*University of New South Wales / Australia*

Paul Kremer  
*Iowa State University*

Alan Luo  
*The Ohio State University*

Kecheng Li  
*Western Michigan University*

Eric Masanet  
*UC Santa Barbara*

Brajendra Mishra  
*Worcester Polytechnic Institute*

Nenad Nenadic  
*Rochester Institute of Technology*

Robert Radulescu  
*Michelin*

Heinz Schandl  
*Commonwealth Scientific and Industrial  
Research Organization (CSIRO) / Australia*

David Shonnard  
*Michigan Technological University*

Margaret Sobkowicz-Kline  
*University of Massachusetts Lowell*

Jeffrey Spangenberg  
*Argonne National Laboratory*

Sangwon Suh  
*Watershed*

Meng Tao  
*Arizona State University*

Hilal Ezgi Toraman  
*Pennsylvania State University*

Mark Walluk  
*Rochester Institute of Technology*

Eric Williams  
*Rochester Institute of Technology*

Roe-Hoan Yoon  
*Virginia Polytechnic Institute and State University*

Wencai Zhang  
*Virginia Polytechnic Institute and State University*

Bing Zhu  
*Tsinghua University / China*

Peggy Zwolinski  
*University Grenoble Alps / France*

## FEATURING ALL ASPECTS OF THE CIRCULAR ECONOMY IN ONE UNIFIED, IN-DEPTH, MULTIDISCIPLINARY, ACTION-BASED SCIENTIFIC CONFERENCE.

The REMADE Institute, in partnership with the Ellen MacArthur Foundation and with support from the U.S. Department of Energy, will host the third-annual **REMADE<sup>SM</sup> Circular Economy Technology Summit & Conference** on Thursday and Friday, April 10-11, 2025, at the National Academy of Sciences Building, 2101 Constitution Ave., N.W., in Washington, D.C.. This conference serves as a national **thought-leadership event on the Circular Economy**.

For the past 150 years, economic growth has depended on our ability to extract resources from the ground, convert them into products we use, and eventually throw them away. This "Take - Make - Waste" extractive economy, which relies on fossil fuels, does not manage resources for the long-term. To solve this problem, we must transition to a Circular Economy, where we fundamentally transform the way we produce and use goods. The Circular Economy addresses the shortcomings of the current systems while creating new opportunities for business and society. It is based on three principles driven by design: eliminate waste and pollution, circulate products and materials, and regenerate natural systems. The Circular Economy offers systems solutions that reduce the likelihood of future shocks and create resilience.

The objective of the REMADE Circular Economy Technology Summit & Conference is to advance the national conversation on how a circular approach and sustainable manufacturing can support the nation's efforts to meet its **energy, environmental and economic goals**.

The conference is open to REMADE members and non-members alike. It will feature experts highlighting emerging technologies and research that will advance and accelerate the nation's transition to a Circular Economy.

REMADE is excited about bringing all aspects of the Circular Economy together in **one unified conference**. To that end, REMADE is issuing a **Call for Papers** on the topics listed on the following page. Submissions from academic researchers, industry innovators, and others, including international experts, are strongly encouraged. **Papers will be peer-reviewed and published in the Journal of Advanced Manufacturing and Processing in the months following the event.**

## TOPICS INCLUDE, FOR EXAMPLE:

- The Regenerative Economy
- Emerging Recovery & Recycling Technologies
- Innovative Remanufacturing Technologies
- Systems Analysis & Material Flows
- The Role of Circularity in a Resource-Constrained World
- Successful Circular Economy Transitions
- Industrial Ecology
- Business Models & Logistics
- A Systems Approach to Overcoming Supply Chain & Logistics Challenges
- Pathways to Net Zero Emissions in Manufacturing & Materials Production
- Building a Sustainable Circular Economy for Materials & Products
- Industrial Decarbonization-Enabling Technologies
- Technologies for Transforming Materials Recovery Facilities
- Design for Remanufacturing & Recycling for the Circular Economy
- Methods & Metrics

**Abstracts are due Friday, November 22, 2024**, and must be submitted via email to [REMADE@remadeinstitute.org](mailto:REMADE@remadeinstitute.org) with the subject line, "Call For Papers Submission."

Abstract requirements include:

- Title of the Paper
- Authors and their Affiliations
- Corresponding Author, Name, Affiliation, E-mail address, and phone number
- Select the primary and secondary topics (from the list above) that best align with your paper's title
- Provide a 300-400 word maximum abstract that succinctly covers what you will discuss in your paper. Abstracts should be single-spaced with 1" margins and a minimum font size of 10-point font (Arial, Times New Roman, Calibri)
- NOTE: You may include not more than one relevant graphic, high-resolution photograph, or table in your abstract, and it must include a caption that provides an appropriate context

## ANTICIPATED SCHEDULE & DEADLINES:

Call for Papers Announced	Thursday, October 10, 2024
Deadline for Abstracts	Friday, November 22, 2024
Abstracts Selected	Wednesday, December 18, 2024
Deadline for Submission of Papers	Friday, January 24, 2025
Papers Selected	Friday, February 28, 2025
Deadline for Submission of Final Papers	Friday, March 21, 2025
Presentation of Papers	Thursday & Friday, April 10-11, 2025

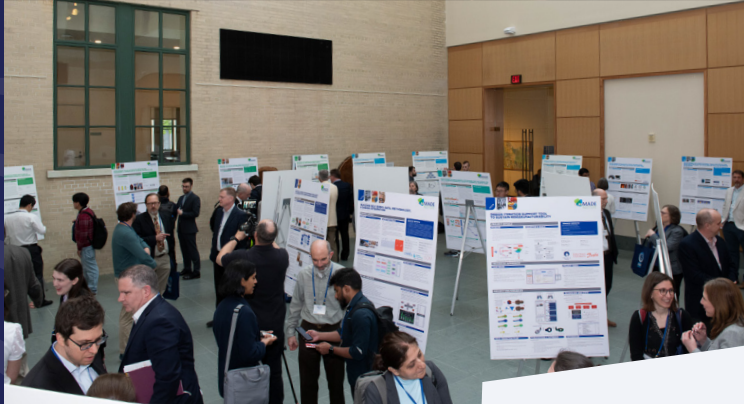
For more information or questions regarding the Call for Papers and the review process, email [contact@remadeinstitute.org](mailto:contact@remadeinstitute.org).

We look forward to reviewing your submission.



### SCAN THE QR CODE

FOR MORE INFO ABOUT THE 2025 REMADE CIRCULAR ECONOMY TECH SUMMIT & CONFERENCE



### OR CONTACT US:

contact@remadeinstitute.org

remadeinstitute.org

Acknowledgment: "This material is based upon work supported by the U.S. Department of Energy's Office of Energy Efficiency and Renewable Energy (EERE) under the Advanced Manufacturing Office Award Number DE-EE0007897."

Disclaimer: "This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof."