Events

2023

Jul 9–12
Light Metals Technology 2023
RMIT University, Melbourne, Australia

The themes for the Light Metals Technology (LMT2023) conference are net shape manufacturing, solid state transformations and mechanical performance, and translation to applications. Within these three broad themes, speakers, sessions and presentations will focus on a range of topics, including alloy development; corrosion and surface modifications; joining; advanced characterization techniques; mechanical behavior of light alloys; and simulation and modelling. Guest speakers and presenters will come from a wide range of backgrounds and fields, providing the conference with unique perspectives and ideas.

Contact: Tanya Smith, Materials Australia, PO Box 19, Parkville VIC 3052; tel: + 61 3 9326 7266; e-mail: tanya@materialsaustralia.com.au; web: www.lmt2023.com

Jul 10–12
Summer Heat Transfer Conference
The Madison Hotel, Washington DC, USA

The conference will bring together international researchers and engineers focusing on heat and mass transfer in a variety of applications. The Summer Heat Transfer Conference (SHTC) 2023 is co-locating with the Energy Sustainability Conference (ES). The objectives of the meeting are to provide a forum for presentation of state-of-the-art research and opportunities for technical interactions among participants.

Contact: Mary Jakubowski, ASME, Two Park Avenue, New York, NY 10016-5990; tel: 800/843-2763 (U.S. and Canada) or 973/882-1170 (outside North America); e-mail: jakubowski@asme.org; web: www.event.asme.org/SHTC

Jul 10–12
17th International Conference on Energy Sustainability 2023
The Madison Hotel, Washington DC, USA

The Energy Sustainability 2023 (ES 2023) is co-locating with SHTC 2023. The ASME Energy Sustainability Conference is focused on identifying innovative technologies, research and design advances, and solutions toward a path of renewable and sustainable energy, including utility-level systems integration. The conference theme is "A just transition to a sustainable future." High-quality conference papers will be selected in a special issue dedicated to energy sustainability by the ASME Journal of Energy Resources Technology (JERT) and ASME Journal of Engineering for Sustainable Buildings and Cities. ES2023 will also host keynote/plenary speakers and panelists from national labs, Department of Energy, and world-known researchers from universities.

Topics will include: sustainable buildings and communities; energy storage: thermal, mechanical, thermochemical; research for clean energy transition (socio-technical, education and policy); concentrating solar power; solar chemistry; photovoltaic and electrochemical technologies; alternative energy conversion tech (including wind, geothermal, hydro, ocean); solar desalination, industrial process heat, and waste heat recovery; hydrogen energy,
alternative fuels, bioenergy, and biofuels; carbon capture and cleaner fossil fuel technologies; and sustainable manufacturing processes for low carbon emissions.

**Contact:** Mary Jakubowski, ASME, Two Park Avenue, New York, NY 10016-5990; tel: 800/843-2763 (U.S. and Canada) or 973/882-1170 (outside North America); e-mail: jakubowskim@asme.org; web: www.event.asme.org/ES

Jul 23–26
**Geo-Risk 2023**
*Arlington, Virginia, USA*

Geo-Risk 2023: Advances in Theory and Innovation in Practice will showcase the latest interdisciplinary research and innovation in risk assessment and management to cater for the disruption in geotechnical practice and engage attendees on the broader vision and societal importance of geotechnical engineering in addressing risk and resilience issues of civil infrastructure. In a time when artificial intelligence, big data, and machine learning are becoming more common in various disciplines of engineering, risk-based methods are attracting additional interest among practitioners and academicians through new textbooks, journals, dedicated sessions at G-I symposia and international activity.

**Contact:** American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191, USA; tel: 703/295-6300 or 800/548-2723; e-mail: registrations@asce.org; web: www.geo-risk.org

Aug 6–9
**Power Applied R&D 2023**
*Hilton Long Beach, Long Beach, California, USA*

The 2023 Power Applied research and development conference is a unique event that focuses research and development specifically relevant to power generation as it applies to current and future power industry issues, applications, and emerging technologies. The conference is hosted by ASME’s Power Division.

Topics will include: advanced combustion systems and cycles; steam power generation; plant management, performance and operations; sustainable power solutions; and digital twins analysis and cyber-physical systems.

**Contact:** Keli Bell-Cole, ASME, Two Park Avenue, New York, NY 10016-5990; tel: 800/843-2763 (U.S. and Canada) or 973/882-1170 (outside North America); e-mail: BellCole-K@asme.org; web: www.event.asme.org/POWER

Aug 12–16
**2023 UESI Pipelines Conference**
*San Antonio, Texas, USA*

The Pipelines 2023 Conference is part of the new ASCE Utility Engineering & Surveying Institute (UESI). The conference will continue to provide a forum for pipeline engineers and practitioners from all around the world to share their experiences in meeting the challenges of today’s pipeline infrastructure. This premier industry event has become the conference of choice for utility and pipeline owners, design and consulting engineers, contractors, manufacturers, suppliers, students, educators, researchers, and pipeline professionals. The conference will also include surveying as it relates to pipeline and utility projects.

**Contact:** American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191, USA; tel: 703/295-6300 or 800/548-2723; e-mail: registrations@asce.org; web: www.asce.org/education-and-events/events/meetings/2023-uesi-pipelines-conference

Aug 14–17
**2023 DoD Corrosion Prevention Technology and Innovation Symposium**
*El Conquistador Tucson, Tucson, Arizona, USA*

The 2023 DoD Corrosion Prevention Technology and Innovation Symposium is a critical event that fosters an efficient and effective collaborative environment to not only better understand the impact of corrosion on DoD equipment and facilities, but also to jointly work toward practical prevention and control solutions. This effort brings together a diverse spectrum of technical expertise and knowledge representing government, industry, academia, and international corrosion partners. Participants represent essentially every field related to corrosion prevention and control; including basic and applied research, maintenance and sustainment, research and development, practitioners and manufacturers, and the DoD acquisition workforce.

**Contact:** Association for Materials Protection and Performance, AMPP, 15835 Park Ten Place, Houston, TX 77084, USA; tel: US: 800/797-6223, other countries: 1-412-281-2331; e-mail: FirstService@ampp.org; web: https://www.dodcorrcon.org/

Aug 16–18
**Welding Summit—The Future of Welding**
*The Woodlands Resort, Texas, USA*

While tried and true methods are the backbone of our industry, practices are constantly evolving. We will discuss the importance of implementing new practices, studying industry trends, discovering emerging technologies, and even considering new ways of implementing traditional practices. The welding summit is your opportunity to interact with the movers and shakers of the industry and expand your network of contacts. Whether you’re an expert in the field or new to the industry, you will take away something useful from the welding summit.

**Contact:** Sarai Claveria, American Welding Society, 8669 NW 36 Street, # 130, Miami, Florida 33166, USA; tel:305/443-9353 x 227; e-mail: sclaveria@aws.org; web: https://www.web.event.com/event/cd494290-1607-4fc5-93f1-8a0d5ee2ee8/summary
Materials Challenges in Alternative & Renewable Energy 2023
Seattle, Washington, USA

Materials Challenges in Alternative Renewable Energy (MCARE), addresses emerging materials for a sustainable global society. The event brings together leading global experts from universities, industry, research and development laboratories, and government agencies to collaboratively communicate materials technologies that advance affordable, sustainable, environmentally friendly, and renewable energy conversion technologies.

Contact: American Ceramic Society, 550 Polaris Pkwy, Ste 510, Westerville, OH 43082, USA; tel: 866/721-3322; e-mail: customerservice@ceramics.org; web: https://mcare2023.org/

Aug 21–24
The 62nd Annual Conference of Metallurgists
Fairmont Royal York, Toronto, Canada

Conference of Metallurgists (COM 2023) will offer interactive plenary elements such as the Big Ideas session, curated plenaries, panel discussions and workshops along with the technical symposia. Technical programming will feature advanced manufacturing and materials, light metal in transportation, pressure hydrometallurgy, sustainability in pyrometallurgy, mineral processing fundamentals and integration for better outcomes from a sustainability perspective.

Contact: Metallurgy and Materials Society of CIM (MetSoc of CIM), 3500 Boul. de Maisonneuve Ouest, Westmount, QC H3Z 3G4, Canada; tel: 514/939-2710; e-mail: metsoc@cim.org; web: https://com.metsoc.org

Aug 27–30
9th International Symposium on Hydrometallurgy
Phoenix, Arizona, USA

Hydrometallurgy 2023 focuses on the many aspects of metallurgical processing including mineral processing, extractive metallurgy, environmental science and engineering, as well as its future role in processing base metals, precious metals, and strategic metals and minerals. At Hydrometallurgy you will learn about fundamentals theory involved in many unit processes, industrial applications, and the state-of-the-art applications from around the world. Topics being discussed will include: environment/waste treatment, plant practices, metal extraction, separation technologies, recovery/recycling, rare earth/critical minerals, and materials for clean energy.

Contact: SME, Society for Mining, Metallurgy and Exploration: 12999 E Adam Aircraft Circle, Englewood, CO 80112; tel: 720/828-6896; e-mail: cs@sme-net.org; web: www.smenet.org/Conferences/9th-International-Symposium-on-Hydrometallurgy

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