MXene

Changing the World

The 3rd International Conference at Drexel University

The 3rd International MXene Conference at Drexel University, August 5–7, 2024, will focus on the chemistry and physics of materials, as well as research innovations, new developments of MXenes, progress in collaboration with industry, government policy, and international excellence, and will look toward the future of this important family of two-dimensional materials.

Over the course of the three full days, the conference will bring together MXene researchers in the areas of chemistry, physics, materials science, energy storage and generation, electronics, electromagnetic interference shielding, antennas, transparent conductors, gas and pressure sensors, water purification, gas separation membranes, photo- and electrocatalysis, medicine, and plasmonics among many others, to convey the latest breakthroughs and address the future technologies where MXenes show the greatest impact.

Image:
Rainbow Twist
MXene image
Marley Downes,
Kyle Matthews,
Veronika Sedajova,
Drexel University, USA
Nanoartography 2022

LOCATION

Bossone Research Enterprise Center
Drexel University
Philadelphia, PA 19104

WEBSITE

mxeneconference.coe.drexel.edu

REGISTRATION & ABSTRACT SUBMISSION

Please register at:
mxeneconference.coe.drexel.edu

REGISTRATION FEE

Students/Postdocs: $200
Non-Student: $600
Pre-conference course: +$100

KEY DATES

Abstract Submission
Deadline: April 30, 2024

Pre-Conference Course
August 4, 2024

Conference Dates
August 5–7, 2024

CONTACT

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Conference Secretary
MXene@drexel.edu

DREXEL UNIVERSITY
A.J. Drexel
Nanomaterials Institute

PRE–CONFERENCE COURSE SYNTHESIS & CHARACTERIZATION OF MXENES WITH LAB TOURS & DEMOS SUNDAY, AUGUST 4, 2024

This course is a great resource for researchers new to the MXene field, as well as current MXene researchers who want to further advance their skill set. Experienced researchers, industry professionals, and students are all welcome to partake in this comprehensive course preceding the MXene Conference.

Space is limited. Option to add the course through registration.

Philadelphia offers a wide variety of attractions, from the birthplace of our nation at Independence Mall to renowned art collections at the Philadelphia Museum of Art and the Barnes Museum to acclaimed restaurants. Plan to extend your stay and enjoy all the sites our city has to offer.

Drexel University is the birthplace of MXenes, discovered in 2011. Today the department of Materials Science & Engineering is ranked #29* globally and Nanoscience and Nanotechnology is ranked #39*. *U.S. News & World Report

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Organized by Local Organizing Committee:

Conference Chair: Yury Gogotsi, Distinguished Professor, Materials Science & Engineering, Director A.J. Drexel Nanomaterials Institute

Local Organizing Committee Chair: Jamie Banks, Conference Secretary, Operations Project Manager, A.J. Drexel Nanomaterials Institute

Masoud Soroush, Professor, Chemical & Biological Engineering

Members: John Fry, University President; Shintaro Kaido, Vice Provost for Innovation, Executive Director, Drexel Applied Innovation; Aleister Saunders, Executive Vice Provost for Research; Sharon Walker, Dean, College of Engineering; Jin Wen, Professor, Associate Dean for Research and Innovation

International Science Advisory Committee Members & Invited Speakers:

Husam N. Alshareef, KAUST
Babak Anasori, Purdue University
Hassan Arafat, Khalifa University
Michel Barsoum, Drexel University
Christina Birkel, Arizona State University
Lucia Gemma Delogu, University of Padua
Zahra Fakhraai, University of Pennsylvania
Qing Huang, NIMTE
De-en Jiang, Vanderbilt University
Chong Min Koo, Sungkyunkwan University
Pooi See Lee, Nanyang Technological University
Khaled Mahmoud, Qatar University
Steven J. May, Drexel University
Michael Naguib, Tulane University
Dhriti Nepal, AFRL
Valeria Nicolosi, Trinity College
Maksym Pogorielov, University of Latvia, Sumy State U
Joselito Razal, Deakin University
Johanna Rosén, Linköping University
Susan Sandeman, Brighton University
Christopher E. Shuck, Rutgers University
Dmitri Talapin, University of Chicago
Flavia Vitale, University of Pennsylvania
Paul Weiss, UCLA

Image: Poster Session, MXene Conference 2022

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