

McMaster
Materials Society



Industry Meets

Materials

INFORMATION PACKAGE

JAN 16 2024

6-8PM

JHE LOBBY + GERALD HATCH CENTER

Register: bit.ly/mse-24

DIAMOND SPONSORS



ArcelorMittal
DOFASCO | HAMILTON



The Steel Company of Canada

MANCOR

Helping our customers to be more successful.

PLATINUM SPONSORS



Stackpole
International

ERIEZ HUSKY[®]

GOLD SPONSORS



ROCKWOOL[®]

PATRIOT
FORGE CO.

SILVER SPONSORS



ALLIED
MINERAL
PRODUCTS

OTHER ATTENDEES



Collins Aerospace



Natural Resources
Canada

Ressources naturelles
Canada

Canada

CanmetMATERIALS / CanmetMATÉRIAUX

HATCH



**Burloak
Technologies**

a division of **SAMUEL**
1885



ripple
therapeutics



Ecomaterials Inc.

Be brilliant, go green.

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Event Schedule

5:30 - 6:00	Registration
6:00 - 6:10	Opening Remarks
6:10 - 6:20	Keynote #1 - ArcelorMittal Dofasco
6:20 - 6:30	Keynote #2 - Mancor Industries
6:30 - 6:40	Keynote #3 - Stelco
6:40 - 8:00	Networking
8:00	Conclusion of event

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Event Layout

Registration, keynote presentations, catered food

JHE Lobby

ArcelorMittal Dofasco, Eriez Flotation, Husky Technologies, Mancor Industries, Stackpole International, Stelco

Hatch 1st Floor

30 Forensic Engineering, Rockwool, Patriot Forge Co., Ripple Therapeutics

Hatch 2nd Floor

Acuren Group Inc., Allied Mineral Products, Liburdi Turbine Services, CanmetMATERIALS, Collins Aerospace, Hatch Ltd., Ecomaterials Inc., Burloak Technologies

DIAMOND SPONSOR SHOWCASE



The Steel Company of Canada

"The Steel Company of Canada"

ABOUT

Stelco has been producing quality steel for over a century. Our resilience and forward-thinking approach has allowed us to adapt to the industry's needs without wavering from our distinguished quality.



Stelco is bringing together the people, technology, and unmatched market knowledge to tackle current challenges, just as we have always done.

HIGHLIGHTS

Location

- Hamilton, ON
- Nanticoke, ON

Opportunities

- 4 month research co-op positions
- 12-16 month research co-op positions

Innovative Work

- Microscopy and metallurgical characterization
- Emphasis on research and development

Learn more:

stelco.com

DIAMOND SPONSOR SHOWCASE

MANCOR

Helping our customers to be more successful.

“Helping our customers to be more successful.”

ABOUT

Mancor Industries manufactures metal components and sub-assemblies. We strive to provide the best quality, delivery, value, safety, speed, and attitude.



We believe collaboration, commitment, and consistency are key to a successful business. We pride ourselves on strong relationships with customers, vendors, and employees.

HIGHLIGHTS

Location

- Oakville, ON

Opportunities

- Two 16-month co-op positions
- Graduate positions available

Innovative Work

- Utilizes metal cutting, forming, machining, welding, and assembling
- State-of-the-art machining and fabrication techniques
- Self-directed work

Learn more:

mancor.com

DIAMOND SPONSOR SHOWCASE



ArcelorMittal
DOFASCO | HAMILTON

“Our Product is Steel. Our Strength is People.”

ABOUT

ArcelorMittal Dofasco is part of the world’s leading steel and mining company, developing lighter, stronger, and more sustainable products.



Since our company was founded, we have aimed to align all of our activity against four values: safety, sustainability, quality and leadership.

HIGHLIGHTS

Location

- Hamilton, ON

Opportunities

- 8, 12 and 16 month positions available
- Asset Engineer
- Process Engineer
- Research and Development
- Electrical Technologist

Innovative Work

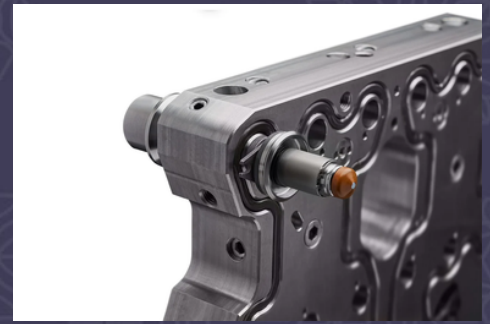
- Decarbonization and sustainability
- High temperature material production
- Process optimization

Learn more:

dofasco.arcelormittal.com

PLATINUM SPONSOR SHOWCASE

HUSKY®



ABOUT

Husky is a global leader in injection molding equipment and services. We build, install, and support these systems to serve a wide range of markets, including healthcare, beverage, and general packaging.

We are passionate about sustainability and support the global circular economy through recyclable material.

“Every solution for injection molders.”

Learn more: [husky.co](https://www.husky.co)



PLATINUM SPONSOR SHOWCASE

 **Stackpole**
International

ABOUT

Stackpole International designs and delivers solutions in fluid power systems and powder metal technology. Our forward-thinking people, processes, and products set the standard for quality, reliability, and performance. We have built a global reputation for delivering innovation in the design and manufacture of highly engineered systems.

Learn more: [stackpole.com](https://www.stackpole.com)

PLATINUM SPONSOR SHOWCASE

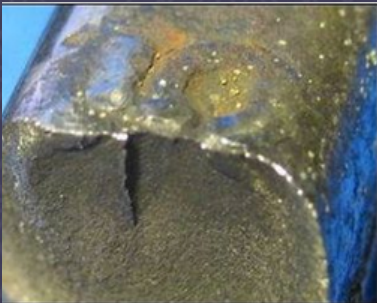
ERIEZ



ABOUT

Eriez is a global leader in separation technologies. Our commitment in innovation has positioned us as a driving market force in several key technology areas, including magnetic separation, flotation, metal detection and material handling equipment. With a team of over 900 dedicated experts globally, we are committed to providing trusted technical solutions to industries including mining, food, recycling, packaging, aggregate, and more.

Learn more: eriez.com



PLATINUM SPONSOR SHOWCASE



ABOUT

30 Forensic Engineering investigates the physical breakdown of products. Using investigative testing such as corrosion analysis, tensile and hardness testing, microscope analysis, we analyze every aspect of a material to determine why a failure occurred.

“Precision in Investigation, Clarity in Solutions.”

Learn more: 30fe.com

GOLD SPONSOR SHOWCASE



ROCKWOOL Group is the world leader in stone wool solutions. For more than 80 years, we have been transforming volcanic rock into safe, sustainable products that help people and communities thrive. Join us and make a difference!

Learn more: rockwool.com

Patriot Forge is the largest custom open-die forging company in Canada. Our expert forging process ensures optimum toughness, ductility, impact strength, and fatigue strength of all parts.

Learn more: patriotforge.com

GOLD SPONSOR SHOWCASE



SILVER SPONSOR SHOWCASE



Acuren provides state-of-the-art non-destructive testing, inspection, engineering and ropes access integrated services throughout North America. Our materials testing capabilities help our customers make proactive decisions about part design, reduced risk and failure, longer life cycles and safer processes.

SILVER SPONSOR SHOWCASE



Allied Mineral Products is a global leader in advanced ceramic refractory solutions. We are dedicated to providing top quality and consistency.

Attend to win!

Grand Prize

1 WINNER GETS TO CHOOSE 1 OF 3 PRIZES



OR

Small Prizes

5 WINNERS GET TO CHOOSE AN ITEM OF
MSE SOCIETY MERCHANDISE

To enter, simply register before January 16 and confirm your attendance by signing in at the registration booth during the event.

Winners will be contacted following the conclusion of the event.

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Event Recommendations

Before the Event



- Register for Industry Night
 - bit.ly/mse-24
 - Submit your resume to the resume bank found on the registration page
 - Note that the resume bank will **close** the morning after Industry Night
- Research attending companies and prepare questions
 - See the full list of attending companies: mcmastermse.com/24-materials-industry-night
- Update your resume and LinkedIn
- Print physical copies of your resume to give to company representatives

After the event

- Connect with employers on LinkedIn
- Apply for jobs on company websites or Oscar Plus

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Event Recommendations

During the Event

- Dress code: business casual is recommended
- Sign in at the **registration booth** in JHE lobby
- Grab some **catered food** in JHE lobby
- Attend the keynote presentations to learn more about the top sponsors
- Visit multiple booths to meet more companies
- Take breaks as needed
- Ask lots of questions!

If you need assistance at any time, find an MSE Society executive . They will be wearing MSE Society name tags

Please note that the MSE Society email and socials will not be monitored during the event.

In the event of an emergency, please contact:
905-522-4135 or dial 88 on any campus phone

MSE SOCIETY

AT MCMASTER UNIVERSITY



ABOUT

An undergraduate-led organization dedicated to fostering the professional and academic success of Materials Science & Engineering students at McMaster University.

Our goal is to encapsulate the global materials science and engineering industry, innovation, and research through exposure.

STUDENT CLUBS / EVENTS



MacSmiths

Blacksmithing with a focus on microstructure and mechanical properties.



Computational Materials Society

Tackling industry projects relating to data analytics, microstructure, and image processing.



McMaster
Materials Student
Technical Society

Professional Development and
Global MSE Advocacy.

Memberships:

- ACerS** - The American Ceramic Society
- AIST** - Association for Iron & Steel Technology
- ASM International** - The Materials Information Society
- TMS** - The Minerals, Metals, and Materials Society
- CIM** - Cdn Inst. of Mining, Metallurgy, and Petroleum



MATLS HACKS

First ever materials focused
hackathon-style competition of
100+ MSE students across Canada.





Thank you!

We hope you enjoyed the 2024
Materials Science and Engineering
Industry Night!

For further inquiries, please contact:
mseocty@mcmaster.ca
mseacademic@outlook.com

Stay in touch!



McMaster Materials
Science and Engineering
Society



@MacMatlsSociety



@McMasterMSESociety



mcmastermse.com