

POST SHOW REPORT



CERAMICS
EXPO

MAY 1 – 3, 2023

**SUBURBAN COLLECTION
SHOWPLACE, NOVI, MI, USA**

“ ”

It's really important to come together and meet other people from our industry, from suppliers to customers. It's a great way to interact with the industry, figure out what's going on and see who's doing what.

Kyocera

“ ”

I met some interesting companies and producers of materials that I think are going to be innovative in the discussions of driving our technology forward.

Qromis



CERAMICS EXPO

1,300

EVENT ATTENDEES

220+

EXHIBITORS

+34%

**INCREASE IN AEROSPACE,
DEFENSE AND AUTOMOTIVE
OEM/END-USER
PROFESSIONALS**

THE NORTH AMERICAN MANUFACTURING SECTOR WELCOMES CERAMICS EXPO TO NOVI, MICHIGAN

The 2023 edition of Ceramics Expo saw record numbers of OEM automotive, defense and aerospace professionals pass through the doors of the event's new home in Novi, MI, the very heart of the North American manufacturing industry.

The automotive, aerospace, defense, energy and healthcare manufacturing sectors are increasingly reliant on ceramic technologies and components. The presence of thousands of senior technical and engineering decision-makers on the show floor endorsed the event's move from Cleveland, Ohio to the Suburban Collection Showplace in Michigan.

1,300+ event attendees met with representatives from 220+ exhibiting companies and supply chain partners, including a 34% YoY increase in visitors representing aerospace, defense, and automotive manufacturers. This substantial growth in participation is expected to be repeated at next year's edition as the event settles into its new home in Michigan, co-located with Thermal Management Expo.

Confirm your place on the 2024 floor plan without delay to take full advantage.

“”

Instead of flying around the world, we can connect with a lot of people here and talk about new things that we have and generate new ideas and solutions.

**SINTX
Technologies**

“”

We've had the right target audience coming to talk to us about the right products.

**Polar
Performance
Materials**

90

EXHIBITORS
REBOOKED ONSITE
FOR 2024

65%

INCREASE IN PURCHASING
AND PROCUREMENT
PROFESSIONALS
VS. 2022

CONFIRMED
EXHIBITORS FOR
2024 INCLUDE:

**BOSCH ADVANCED
CERAMICS**

**SAINT-GOBAIN
ADVANCED CERAMICS**

GEOCORP

**MCDANEL ADVANCED
CERAMIC TECH**

KENNAMETAL SINTEC

CORNING

SKYWORKS

MALVERN

PANALYTICAL

TO BOOK YOUR
CERAMICS EXPO
2024 BOOTH AND
SPONSORSHIP PACKAGE,
PLEASE CONTACT:

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EXHIBITION DIRECTOR

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“”

*When we can have face-
to-face meetings, we can
have collaboration, we can
understand what problems
have to be solved, then we
can have the deep level
conversations. Ceramics
Expo allows us to do that.*

Corning

VISITOR PROFILE

SENIOR DECISION-MAKERS AND BUDGET-HOLDERS FROM
ACROSS THE ADVANCED MANUFACTURING SUPPLY CHAIN

67%

OF ATTENDEES ARE
C-SUITE OR SENIOR
MANAGEMENT

76%

OF ATTENDEES HAVE
PURCHASING AUTHORITY
OR INFLUENCE
INVESTMENT DECISIONS

ATTENDEES BY PRIMARY BUSINESS ACTIVITY

Academia	3%
Ceramic / Ceramic Component / Glass Manufacturer	21%
End-User / OEM	24%
Material Processing - Forming / Molding / Additive Manufacturing / Pressing / Finishing	10%
Laboratory Equipment - Measurement / Testing and Analysis	3%
Powder Processing / Conveying / Materials Handling	7%
Raw Materials	13%
Tooling Equipment Manufacturer	4%
Other	15%

ATTENDEES BY JOB FUNCTION

Account Management	9%
Engineer / Technical	27%
Owner / CEO / President / VP / Managing Director / Division Head	24%
Production / Operations	6%
Purchasing / Procurement	10%
R&D	15%
Scientist / Academia	5%
Other	4%

ATTENDEES BY INDUSTRIES OPERATING IN, OR SELLING TO*

Aerospace & Defense	44%
Automotive	52%
Consumer & Household	4%
Electronics	33%
Energy	38%
General Industrial	41%
Medical	32%
Petrochemicals	23%
Semiconductor	30%
Other	12%

**Multiple choice question*

OEM, MANUFACTURING AND ENGINEERING BUSINESSES ATTENDING CERAMICS EXPO 2023 INCLUDED:

AIRFLOW SCIENCES CORPORATION • BASF • BOSCH • CERAMTEC GMBH • COLLINS AEROSPACE • DENTSPLY SIRONA • EATON • FUELCELL ENERGY •
GE AEROSPACE • GE-ADDITIVE • GENERAL MOTORS • GLENAIR • LINCOLN ELECTRIC CO • MATERION • MOMENTIVE TECHNOLOGIES • NGK SPARKPLUGS
• NORTHROP GRUMMAN • OXEON ENERGY • PANASONIC AUTOMOTIVE • PARKER HANNIFIN CORPORATION • PRATT & WHITNEY • SASOL • TOSHIBA

CERAMICS EXPO CONFERENCE

Featuring more than 30 industry specialists in ceramic components, applications, materials, technologies and innovations, the Ceramics Expo Conference examined the latest trends and developments driving the high-tech and advanced manufacturing industries forward.

The agenda included keynote talks and panel discussions on topics including:

- Ceramics' role in supporting the automotive industry's future
- Advanced ceramics for aerospace applications
- Ceramics additive manufacturing
- Mechanical properties & failure analysis
- Ceramic powder processing & forming



Holly Shulman
Professor Ceramic Engineering,
Alfred University



Adam Schubring
General Manager for the
Automotive Components
Division, **Kyocera**



Eileen De Guire
Director of Technical Content and
Communications, Editor of the American
Ceramic Society Bulletin, **The American
Ceramic Society**



Nikolai Sauer
CTO,
Bosch Advanced Ceramics



Mano Manoharan
Chief Technologist, Ceramic
Composites and Coatings,
General Electric Aviation



Kristin Breder
Senior Principal Scientist, **Saint-
Gobain Research North America**



Jonathan Volk
Sr. Manager, In-Space
Manufacturing & Advanced
Materials, **Sierra Space**



Michael Badding
Sr. Research Associate,
Corning



Tony Finoli
R&D Manager,
**McDanel Advanced Ceramic
Technologies**



CERAMICS
EXPO

APRIL 30 -
MAY 1, 2024

SUBURBAN
COLLECTION
SHOWPLACE, NOVI,
MICHIGAN, USA

Co-located with

THERMAL
MANAGEMENT EXPO
NORTH AMERICA

BOOK

FOR CERAMICS EXPO 2024

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