

# 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:

**RAYMOND PIETERSEN**  
EXHIBITION MANAGER  
+44 1273 916 290

**RAYMOND.PIETERSEN@  
SMARTERSHOWS.COM**

“ ”

*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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