

Microwave Technologies Toward Carbon Neutral Society

The 5th Global Congress on Microwave Energy Applications

5GCMEA2024

July 22-25 2024

Kyushu University, Fukuoka, Japan

Workshops • Technical Sessions • Exhibitions

Abstract submission Closed on Feb 15, 2024

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Conference date July 22-25, 2024

New Abstract submission for JEMEA session
Mar 24-May 31, 2024

The 5th Global Congress Microwave Energy Applications (5GCMEA 2024) will be held in Fukuoka, Japan, during July 22-25, 2024. With the global trend toward carbon neutrality, we will share and pioneer new microwave and RF energy application technologies.

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Conference Scope

Microwave/RF application

- Microwave / RF chemistry
- Microwave / RF chemical engineering
- Microwave / RF assisted materials processing & metallurgy
- Microwave / RF assisted food science and engineering
- Microwave / RF applications in environment engineering
- Microwave / RF applications in medicine and biology
- Microwave / RF plasma applications

Microwave/RF device

- Design of microwave/RF applicators and components
- Microwave/RF sources and power supply

Measurement and modeling

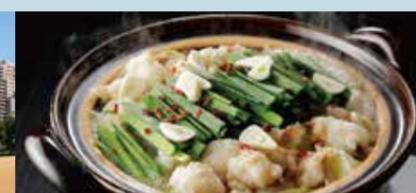
- Dielectric and magnetic properties measurement
- EM modeling and numerical techniques
- Interaction mechanism of Microwave /RF and substances

Scale-up for microwave industrial applications

- Microwave chemistry devices and working stations
- Microwave/RF industrial equipment and scale-up
- Industrial applications of microwave/RF energy
- Radiation safety and standards



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