



May2, 2023

NEWS RELEASE

Mitsui Kinzoku Exhibits at PCIM Europe 2023 (Germany)

Mitsui Mining & Smelting Co., Ltd. (President: NOU Takeshi; hereafter, “Mitsui Kinzoku”) announces that Mitsui Kinzoku will participate as an exhibitor at the Power Conversion, Intelligence Motion Europe 2023(PCIM Europe 2023) held at Nürnbergin Germany for three days from Tuesday, May 9, 2023 to Thursday, May 11, 2023.

PCIM Europe is an international trade show covering the power electronics value chain, and key players in the power electronics industry and other fields attend along with the latest technology, industry trends, and trending information.

Mitsui Kinzoku will showcase Cu sinter paste, a bonding material for next-generation power semiconductors. It is expected to be a highly reliable, high heat resistant and environmentally friendly (lead-free) material for power devices that must perform at high outputs with high reliability when used in EVs, power generation, transmission and distribution equipment, industrial equipment, etc. At the trade show, we will present both pressure and puressureless types.

There will also be some oral presentations on Cu sinter paste for pressure sintering during the conference program that will be held as part of the trade show. (We will announce the overview of oral presentations on the M Lab site (<https://www.mitsui-kinzoku.co.jp/mlab/>) later)

■ Exhibition outline

Name of trade show: PCIM Europe 2023

Period: Three days, from Tuesday, May 9,2023 to Thursday, May 11, 2023, from 9 am to 5 pm each day

*Time zone: UTC+ 2 CEST Central European Summer Time

Venue: Nuremberg Messe (Nürnberg, Germany)

Mitsui Kinzoku booth: Hall 7- 757

Official website: <https://pcim.mesago.com/nuernberg/en.html>

Product being exhibited: Cu sinter paste for power semiconductor



Photo 1: Cu sinter paste

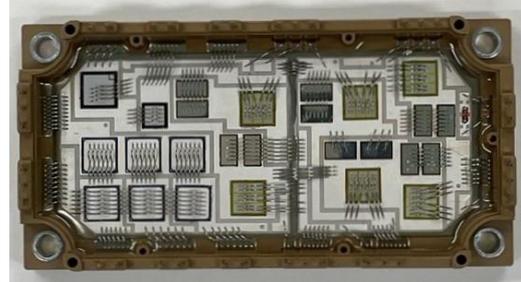


Photo 2: Power module test vehicle
using Mitsui Kinzoku's

■ Oral presentations

Time: 2:20 pm, Wednesday, May 10, 2023

Contents of Presentation: Bonding Properties and Reliability Evaluation of Cu Sinter Paste for Pressure Sintering

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② Cu sinter paste

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