



SONI-LASER

OPEN DAY

July 12, 2023

10am to 4pm

**Kettering Park Hotel
Conference Room**
1430 Kettering Parkway,
Kettering, NN15 6XT

About SONI-LASER

Soni-Laser is an exciting research project funded by Innovate UK. It brings together the expertise of Carrs Welding Tech & Brunel Innovation Centre, with technical assistance from Horiba MIRA, Denchi Power & MTC Coventry. The project aims to revolutionise welding technology using the power of ultrasound.



Brunel
University
London



Agenda

- 10:00 am - Registration and Coffee
- 10:30 am - Opening Speech by Dr. Cem Selcuk, PhD, C Eng, CEnv, FWeldI, FIMMM
- 10:45 am - Introduction to Soni-Laser: Projections, Aims, and Results
- 11:00 am - Principle Presentation by Brunel Innovation Centre (Dr. Ahmed Teyeb & Dr. Mohamad Salimi)
- 11:30 am - Principle Presentation by Carrs Welding Technologies Ltd.
- 12:15 pm - Customer Presentation by Darren Bean from Teconnex Ltd.
- 12:30 pm - Lunch
- 01:00 pm - Introduction to Demonstrations

Demonstrations Available from 01:00 pm to 4:00 pm:

Take this opportunity to explore the various demonstrations showcasing the power and potential of ultrasonic assisted laser welding technology.

- **Power Ultra-Sound Demonstration**
- **Samples of Batteries Laser Welded with Ultra-Sound Assistance**
- **Aluminium and Copper Welded Samples**
- **Optical Demonstration of Macro/Micro Sections of Welds in Alu/Alu and Alu/Cu**
- **Vibration measurement (Brunel Innovation Centre)**

Don't miss this unique opportunity to witness the future of welding technology. Join us at the SONI-LASER Open Day and be part of the innovation!

