



ZAINUDDIN SAJURI

Associate Professor (Dr.)

RESEARCH

Expert in material processing, joining and failure analysis of metal materials, and frequently referred by the industries and related government agencies for forensic engineering consultations on accident/failure of engineering structures. Recent research interest in high-temperature application of additive manufactured stainless steels.

ACADEMIC QUALIFICATIONS

- **Diploma** (Mech.) Ishikawa National College of Technology, Japan (1995)
- **B.Eng.** (Mech.) Nagaoka University of Technology, Japan (1997)
- **M.Eng.** (Mech.) Nagaoka University of Technology, Japan (2002)
- **Ph.D.** (Mater.) Nagaoka University of Technology, Japan (2005)

EXPERTISE

Solid-state Joining
 Mechanical Properties
 Fatigue and Failure Analysis
 Additive Manufacturing

RESEARCH GROUP

- Advanced Materials Processing & Integrity (AMPI)

For list of publications and current research grants, please click [UKM Sarjana](#).

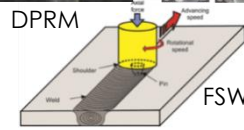
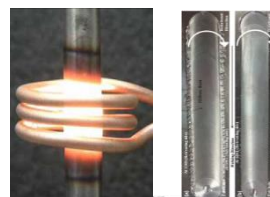
[UKM Sarjana](#)

CONTACT

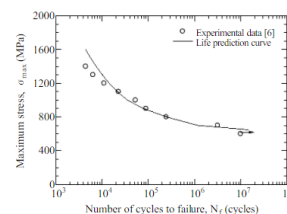
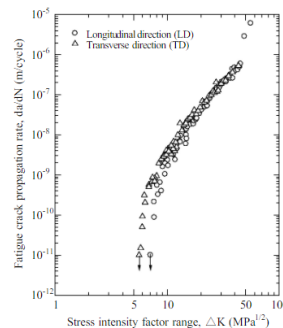
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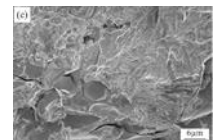
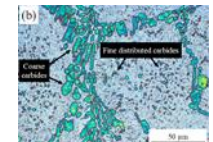
RESEARCH AT A GLANCE



Solid-state Joining



Fatigue & Failure



Microstructure

MECVEST BULLET RESISTANT VEST

Adjustable Shoulder Straps
 Perfect body fit

2 Hidden Hard Plate Pockets
 Provide maximum coverage protection & flexibility

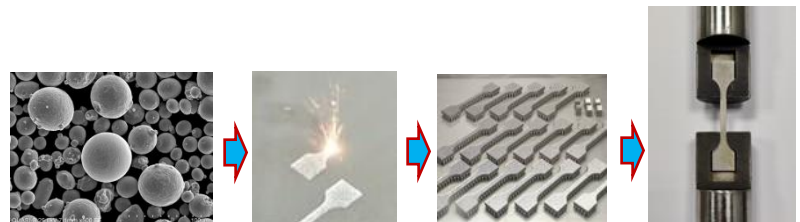
High Quality Fabric
 Strong & tear resistant Nylon

Adjustable Wide Straps
 Comfort body fit & protect under rib cage

TEST RESULTS

- Thickness: 6.6 mm
- Face area: 50 x 200 mm²
- Mass: 0.195 kg
- No penetration
- Initial speed: 436 m/s
- Final speed: 0 m/s
- NIJ Standard-0101.04
- NIJ Level: Level IIIA
- 9 x 19 mm FMJ RN
- Average speed: 436 m/s
- Distance: 5 m

5.7 kg



Additive Manufacturing