

STAINLESS STEELS

RESEARCH STATUS AT HV

Asun Valiente 2024-08-28



DIRECTED ENERGY DEPOSITION OF MODIFIED PH 13-8 MO POWDER USING LASER BEAM: MICROSTRUCTURE AND PROPERTIES

Mid-Seminar

PhD student: **Gökçe Aydın**

Main supervisor: **Assoc. Prof. Maria Asuncion Valiente Bermejo**

Assistant supervisor: **Prof. Joel Andersson**

Discussion leader: **Prof. Pavel Krakhmalev**

Date:

17th June 2024

University West, Trollhättan, Sweden



STATUS

PhD just started on PBF-LB of Superduplex SS (Alfa-Laval, Sandvik)

RE-PAIR project (ESAB, SWERIM, SAAM, SUBSEATEC). Bachelor thesis: Productivity and quality of cladding using a SAW process with a multiple wire feeding system- Nicklas Berglund.

SESAM project: DED-LB/w duplex stainless steels (450 kg demonstrator)

UPCOMING EVENTS HOSTED BY HV

3rd October 2024: [SESAM webinar](#)

10-12th March 2025: [Intermediate Meeting of C-II and C-IX](#)

12th-14th March 2025: [Cracking phenomena in Welding and AM.](#)

Registration is open since 7th July

Top notch keynote speakers confirmed