

Workshop agenda

Re-design of ship components for metallic additive manufacturing processes

Udine, 25th October 2016

LAMA FVG, Advanced Mechatronics Laboratory (Via Sondrio, 2 – Udine - ITALY)

- 10:00 **Participants registration**
- 10:30 **Workshop welcome**
Lucio Sabbadini – CEO mare^{TC} FVG
Loredana Panariti - Minister for labour, training, education, equal opportunity, youth policies, research and university - Friuli Venezia Giulia Autonomous Region
Alberto Felice De Toni – Rettore Università degli Studi di Udine
- 10:45 **Technology overview** (techniques, fields of application, opportunities and limits)
Marco Sortino - University of Udine
- 11:05 **Description of the available technological solutions and state of the art of the machines**
(operational limits and price ranges)
Enrico Annacondia – AITA Associazione Italiana Tecnologie Additive
- 11:25 **Products** (mechanical features of the pieces, surface finishing, thermal treatments)
Enrico Maria Orsi - Renishaw
- 11:45 **Current regulatory framework and range of applications**
Amelia Stead – Lloyd's Register
- 12:15 **Visit to the additive manufacturing lab LAMA**
Marco Sortino – LAMA
- 12:30 **Networking Lunch**
- 14:00 **Re-design and prototyping experiences in the maritime field with additive manufacturing**
MARIN TBC
- Round tables**
Moderator: Lloyd's Register
- 14:30 **Maritime sector vs other transportation sectors: first attempts and successful experiences**
Claudio Taboga – Wartsila Italia
Massimo Debenedetti – Fincantieri
Mark Lipton – General Electric Aviation
Giovanni Bizzarri –Azimut - Benetti
- 15:40 **Re-design of maritime components: limits and opportunities**
Vanni Lughì - Università degli Studi di Trieste
Paolo Fino – Politecnico di Torino
Massimiliano Gobbi – Politecnico di Milano
- 16:20 **Closing: next technological challenges**
John Hicks – Lloyd's Register