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Contents

- v *Authors*
- vii *Conference Committee*
- ix *Introduction*
- xi *Sponsors and Supporting Organisations*

ADDITIVE PROCESSES

- 9657 02 **Nano-hardness and microstructure of selective laser melted AlSi10Mg scan tracks** [9657-105]
- 9657 03 **Laser cladding of nickel-based alloy coatings on copper substrates** [9657-15]

CUTTING AND DRILLING

- 9657 04 **Laser drilling of via micro-holes in single-crystal semiconductor substrates using a 1070nm fibre laser with millisecond pulse widths** [9657-13]
- 9657 05 **Advances in drilling with fiber lasers** [9657-91]
- 9657 06 **Definition of fine cutting features for laser fusion cutting of stainless steel** [9657-49]
- 9657 07 **Fast and intuitive programming of adaptive laser cutting of lace enabled by machine vision** [9657-95]
- 9657 08 **Laser remote cutting of metallic materials: opportunities and limitations** [9657-9]

FUME EXTRACTION

- 9657 09 **Legal requirements and guidelines for the control of harmful laser generated particles, vapours and gases** [9657-55]

LASHARE EUROPEAN COLLABORATIVE PROJECT

- 9657 0A **Laser processing system for stitching structured patterns on large 3D parts** [9657-20]
- 9657 0B **Cognitive high speed defect detection and classification in MWIR images of laser welding** [9657-40]
- 9657 0C **Laser cutting metallic plates using a 2kW direct diode laser source** [9657-54]

MICROPROCESSING

- 9657 OD **Pulsed UV and ultrafast laser micromachining of surface structures** [9657-76]
- 9657 OE **The effect of laser pulse duration and beam shape on the selective removal of novel thin film layers for flexible electronic devices** [9657-8]
- 9657 OF **SMI: a new method to allow low cost, high resolution micro-machining using UV solid state lasers** [9657-75]

SURFACE MARKING AND FUNCTIONALITY

- 9657 OG **Laser surface texturing of cast iron steel: dramatic edge burr reduction and high speed process optimisation for industrial production using DPSS picosecond lasers** [9657-33]
- 9657 OH **Laser induced micro plasma processing of polymer substrates for biomedical implant applications** [9657-59]
- 9657 OI **Black anneal marking with pulsed fiber lasers** [9657-47]
- 9657 OJ **Nanosecond laser texturing of aluminium for control of wettability** [9657-58]
- 9657 OK **Development in laser peening of advanced ceramics** [9657-81]
- 9657 OL **Laser surface treatment of polyamide and NiTi alloy and the effects on mesenchymal stem cell response** [9657-79]

WELDING

- 9657 OM **Laser welding of copper and aluminium battery interconnections** [9657-19]
- 9657 ON **Numerical simulation and experimental investigation of laser dissimilar welding of carbon steel and austenitic stainless steel** [9657-16]

Authors

Numbers in the index correspond to the last two digits of the six-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first four digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Aboulkhair, Nesma T., 23
Antonopoulos, G., 2F
Apte, Paul, 2E
Ashcroft, Ian, 23
Assunção, E. G., 2D
Balu, Prabu, 24
Baumann, Robert, 29
Beyer, Eckhard, 29
Blackburn, Jon, 2D, 2N
Bruneel, David, 2H
Cano Zuriguel, Rafael, 2B
Castro, Gemma, 2C
Chan, C., 2M
Coupland, J., 2O
De Bono, Paola, 2N
Deng, Justin, 24
Everitt, Nicola M., 23
Fallahi Sichani, E., 2D
French, Paul W., 2I, 2K
García-Díaz, Antón, 28, 2C
Harrison, P., 27, 2J
Hauschild, D., 2D
Herwig, Patrick, 29
Hodson, Jonathan R., 25
Horsey, John, 2A
Hussain, I., 2M
Irving, M., 2I
Kapnopoulos, C., 2F
Karnakis, Dimitris, 2F, 2H
Kearsley, Andrew, 2H
Khan, A. H., 2D
Kong, C. Y., 2D
Lapido, Yago L., 2C
Laskarakis, A., 2F
Lawrence, Jonathan, 2L, 2M
Logothetidis, S., 2F
Maclean, Jessica O., 25
Man, H. C., 2M
Marimuthu, S., 2O
Maskery, Ian, 23
Meinschien, J., 2D
Mekeridis, E., 2F
Milne, David, 2G
Moorhouse, C., 2F
Murphy, M., 2I
Murphy, T., 2J
Myles, David, 2G
Naeem, Mohammed, 26
Nekouie Esfahani, M. R., 2O
Norman, S., 27, 2J
Powell, J., 2D
Rea, Edward, 24
Rodríguez-Araújo, Jorge, 2C
Romero, Pablo, 2C
Rosowski, Adam P., 2I, 2K
Rumsby, Phil, 2G
Saludes Rodil, Sergio, 2B
Seebach, J., 27
Sharp, Martin C., 2I, 2K
Shukla, Pratik, 2L, 2M
Siebert, René, 29
Smith, Graham C., 2L, 2M
Souto-López, Álvaro, 28
Sykes, Neil, 2E
Tuck, Chris, 23
Vaamonde, Iago, 28
Vergara, Germán, 2C
Vidal, Félix, 2C
Voisey, K. T., 25
Waugh, David G., 2L, 2M
Wetzig, Andreas, 29

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Introduction

In March 2015, AILU was proud to hold the 4th Industrial Laser Applications Symposium (ILAS) in Warwickshire, United Kingdom. The biennial event explored wide-ranging aspects of laser materials processing and provided an interface between industry and academia. It attracted well over 200 participants.

This 2-day symposium offered over 90 presentations in parallel sessions, including plenary and keynote contributions. This book of Symposium Proceedings contains a selection of peer-reviewed manuscripts from ILAS 2015, documenting the wide range of topics covered including: additive manufacturing; cladding and hardening; macro cutting and drilling; micro and nano processing; precision fabrication; sources, beam delivery and system integration; surface marking and functionality; welding and a review of the EU-funded LASHARE project.

We would like to thank all our sponsors, supporting organizations and particularly SPIE for their assistance in producing this publication.

Mike Green
ILAS Secretary

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