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| Dear Reader, |
| We are pleased to deliver your requested table of contents alert for **Welding in the World**. [Volume 66, Issue 11](http://links.springernature.com/f/a/M58aRHEnxs5Q6O3-MqNE1g~~/AABE5gA~/RgRlI-3UP0SMaHR0cDovL2xpbmsuc3ByaW5nZXIuY29tL2pvdXJuYWwvNDAxOTQvNjYvMTE_dXRtX3NvdXJjZT10b2MmdXRtX21lZGl1bT1lbWFpbCZ1dG1fY2FtcGFpZ249dG9jXzQwMTk0XzY2XzExJnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMjEwMDhXA3NwY0IKYzzUaEFjesgWA1ISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) is now available online. |
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| C. Fink, A. T. Hope, S. L. McCracken, J. C. Lippold |

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| [Electron beam welding of 2205 duplex stainless steel with nickel-based filler wire using multi-beam technique](http://links.springernature.com/f/a/B3rvl61NWt9cJIa9Zwryww~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2My05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Tamás Tóth, Jonas Hensel, Ann-Christin Hesse, Klaus Dilger |

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| Vincent Fabian Viebranz, Thomas Hassel, Thomas Niendorf, Hans Jürgen Maier |

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| C. Quitzke, C. Schröder, M. Mandel, L. Krüger, O. Volkova, M. Wendler |

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| [Beta grain size evolution in laser-welded Ti-6Al-4V](http://links.springernature.com/f/a/L45gz8UXyRSJE-jF4brxoQ~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3OC0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| T. Patterson, J. Lippold, B. Panton |

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| [Modification of Co–Cr alloys to optimize additively welded microstructures and subsequent surface finishing](http://links.springernature.com/f/a/JNDEq_GNJD7xH1BrhQaMbA~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTMzNC0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Antonia Eissel, Lorenz Engelking, Kai Treutler, Volker Wesling, Dirk Schröpfer, Thomas Kannengießer |

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| [Effects of different WAAM current deposition modes on the mechanical properties of AISI H13 tool steel](http://links.springernature.com/f/a/VQxXvCtx0u9JC7QPKZk35A~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM0Mi0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| William Hackenhaar, José A. E. Mazzaferro, Cintia C. P. Mazzaferro, Niccolò Grossi, Gianni Campatelli |

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| [Fundamental study of the quality measurement for wire arc additive manufacturing process by laser ultrasonic technique](http://links.springernature.com/f/a/mm8LRfOVTmD5I1iSubOG1g~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM1NC13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Kazufumi Nomura, Taketo Matsuida, Satoshi Otaki, Satoru Asai |

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| [The effect of non-metallic inclusions in refining microstructure and improving cryogenic toughness of novel high-Mn steel weld metals for LNG tanks](http://links.springernature.com/f/a/CfhzaQzTZL6tszFOPqog6Q~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2NS03P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jinshuai Zhang, Guangqiang Li, Honghong Wang, Xiangliang Wan, Mingfeng Hu, Qingrun Meng |

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| [Investigation on effects of traverse speed and number of passes on mechanical and abrasive properties of AA7075-T6/ZrO2 surface nanocomposite produced using friction stir processing](http://links.springernature.com/f/a/uH3ykjgrGLtkLHX5WPO2Kg~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTMzMS0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Amir Jamali, Seyyed Ehsan Mirsalehi |

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| [Evaluation the effects of welding parameters on tri-dissimilar friction stir welds aluminum/steel](http://links.springernature.com/f/a/Za9G4Ar5SJTMl9gRdIAksQ~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2MC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Sadiq Aziz Hussein, Abd Salam Md Tahir, Mudhar A. Al-Obaidi |

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| [The effect of rotational speed and dwell time on Al/SiC/Cu composite made by friction stir spot welding](http://links.springernature.com/f/a/AFt-ykvWYa6JK3MgS6zMxQ~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3Ni00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Behrouz Bagheri, Mehdi Alizadeh, Seyyed Ehsan Mirsalehi, Ali Shamsipur, Amin Abdollahzadeh |

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| [Investigations into the formation of intermetallic compounds during pinless friction stir spot welding of AA2024-Zn-pure copper dissimilar joints](http://links.springernature.com/f/a/Yfas3vhzCctUUqtoeW73Ew~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2Ni02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Alireza Heidari Vaneghi, Behrouz Bagheri, Ali Shamsipur, Seyyed Ehsan Mirsalehi, Amin Abdollahzadeh |

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| [Rotary friction welding of pure aluminum to preheated brass](http://links.springernature.com/f/a/NAH7NrHajQvNMtxnx1iBEQ~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2Ny01P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Geng Haibin, Xu Guifeng, Liu Jingcheng, Lou Hao |

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| [Application of auto-focus algorithm in welding pool imaging system](http://links.springernature.com/f/a/ivhHWHPp2aiBycBE6PkcQQ~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM2Mi13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Fenghong Chu, Yue Mao, Jundong Zeng, Zhenglan Bian, Anduo Hu, Hao Wen |

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| [Evaluation of surface corrosion and wear resistance in the weld metal by using multi-principal filler wires via high-entropy design](http://links.springernature.com/f/a/-CjQni71CMFnOQA8WAeqWg~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM4MC04P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Weixiong Wang, Dejia Liu, Bin Li, Bo Li, Haitao Jiao, Yanchuan Tang, Yong Hu, Longzhi Zhao, Mingxue Shen |

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| [Publisher Correction: Effect of ambient pressure change on pure tungsten laser spot welding](http://links.springernature.com/f/a/CXTKsh7R6F-ZUmzXNzwZiQ~~/AABE5gA~/RgRlI-3UP0ScaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMi0wMTM3Ny0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82Nl8xMSZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjIxMDA4VwNzcGNCCmM81GhBY3rIFgNSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) |
| Jian Long, Lin-Jie Zhang, Jie Ning, Suck-Joo Na |

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