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| Dear Reader, |
| We are pleased to deliver your requested table of contents alert for **Welding in the World**. [Volume 67, Issue 8](http://links.springernature.com/f/a/-0pPj_uURVsCID5o8LXINQ~~/AABE5gA~/RgRmm3fhP0SKaHR0cDovL2xpbmsuc3ByaW5nZXIuY29tL2pvdXJuYWwvNDAxOTQvNjcvOD91dG1fc291cmNlPXRvYyZ1dG1fbWVkaXVtPWVtYWlsJnV0bV9jYW1wYWlnbj10b2NfNDAxOTRfNjdfOCZ1dG1fY29udGVudD1ldG9jX3NwcmluZ2VyXzIwMjMwNzIwVwNzcGNCCmS34fK4ZAPqJGhSEmN3cy1hbmJAY3dzLWFuYi5jelgEAAAHHg~~) is now available online. |
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| Welding in the World cover image |

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| Yangfan Zou, Wenya Li, Zhikang Shen, Yu Su, Xiawei Yang |

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| Yang Chen, Yang Li, Lei Shi, Chuansong Wu, Shengli Li, Song Gao |

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| [Formation and fracture characteristics of friction stir lap joint of Alclad 2A12-T42 aluminum alloy at different tilt angles](http://links.springernature.com/f/a/SrfD7qvJgVNSAUhTCqvoyg~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0Ni15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Zulai Huang, Shulei Sun, Jianhua Wang, Li Zhou, Ning Guo, Qiang Meng, Jihong Dong, Huaxia Zhao |

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| [Comparion of RSW technologies on DP steels with modified instrumented Charpy impact test](http://links.springernature.com/f/a/MuQQs_KzB9Q6guyAgHDpzQ~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUyNi0yP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Ákos Meilinger, László Prém, Sahm Alden Abd Al Al, Marcell Gáspár |

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| [A machine learning approach for efficient and robust resistance spot welding monitoring](http://links.springernature.com/f/a/twCM1XWmmC43bMpYN6Eo5Q~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUxOS0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Lars Bogaerts, Arnout Dejans, Matthias G. R. Faes, David Moens |

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| [Microstructure and mechanical property of CO2 laser welding of additive manufacturing and rolling plates of 420 stainless steels](http://links.springernature.com/f/a/f-IpRvMNXKC_auGAerlrag~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUzMC02P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Chenyang Zhang, Minglang Liu, Xinying Shi, Xuyang Wang, Gang Wang, Mengmeng Wang, Zhongjia Huang |

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| [Optimization of GTAW process parameters for deposition of nickel-based hardfacing alloy using Taguchi method](http://links.springernature.com/f/a/kfPYQIygr7y5QTh7LXBq_A~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0MC00P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Falgun V. Suthar, Hetalkumar N. Shah, Ronak N. Parmar, Mrunalkumar D. Chaudhari, Pina M. Bhatt, Sujoy K. Chaudhury |

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| Wei Meng, Yunlong Lei, Xing Wang, Qunshuang Ma, Xiaohui Yin, Yongchang Hong |

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| [Factors influencing mechanical properties of dissimilar steel/aluminum-alloy flare-V groove joints made by high-speed hot-wire laser brazing technology](http://links.springernature.com/f/a/r7dS6Zp0k4F7llWI8JPf-w~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUzNi0wP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Tamaki Ito, Koichi Taniguchi, Yasuaki Okita, Hiroshi Matsuda, Satoshi Igi, Jeong-Won Choi, Motomichi Yamamoto |

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| [Study on joint characteristics in laser butt welding of AMed and wrought Ti6Al4V plates](http://links.springernature.com/f/a/reSG2JHwsCWmAuhISxU8FA~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUzMy0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Yasuhiro Okamoto, Togo Shinonaga, Yoshito Takemoto, Akira Okada, Akihiro Ochi, Ryuya Kishimoto, Sisa Pityana, Nana Arthur, Peter Omoniyi, Rasheedat Mahamood, Martin Maina, Esther Akinlabi |

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| [Effect of process parameters on porosities in electron beam welded AA-6061 to AA-2024 dissimilar joints](http://links.springernature.com/f/a/tqeeLpk-8LWZ4jZ5rlzAeA~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0OS05P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
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| [Study on GMAW assisted by compound external magnetic fields in bogie manufacturing with T-joints and single-bevel grooves](http://links.springernature.com/f/a/nAj09ZMOGUuNXCuRu3uKzA~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUyNS0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Lijian Wu, Ji Chen, Xu Lu, Xiangyang Wu, Chunyang Xia, Chuansong Wu |

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| [GMAW hot-wire process with indirect resistive heating of the auxiliary wire](http://links.springernature.com/f/a/XBlPc9gg6qpLg9lbHCEacg~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUyOS16P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| T. Ungethüm, P. Schilling, E. Spaniol, U. Füssel |

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| [Effect of Sr on the microstructure and properties of Al-6.5Si-20Cu-1.5Ni filler metal for brazing 6063 aluminum alloy](http://links.springernature.com/f/a/CYXU2vJIz6L1O6yJd1arSw~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUzNS0xP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Xiang Du, Fei Zhao, Chenyin Peng, Dandan Zhu, Kaifeng Li, Mingpan Wan, Yuanbiao Tan, Ronggui Yang |

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| [Microstructure and mechanical properties of vacuum brazed joints of TC4 waveform structure fabricated by 3D printed technology](http://links.springernature.com/f/a/y_xrtvljCkgWloPCcS-BSw~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTUzOC15P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Zhaolong Li, Haichuan Shi, Yanchun Zhao, Junjie Gu, Peilei Zhang, Zhishui Yu, Boyu Wang, Nan Song, Tianzhu Sun |

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| [Brazing 55 vol.% SiCp/ZL102 composites with Al-17.0Cu-8.0 Mg-1.5Ni filler metal](http://links.springernature.com/f/a/MPVEyFpm1G5aiMpUaSsxcA~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0OC13P3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| Dechao Qiu, Dongfeng Cheng, Wenwei Dong, Jitai Niu, Josip Brnic |

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| [Obituary—Damian J. Kotecki](http://links.springernature.com/f/a/Do_KC0G0tZHvPCQP_QFfcg~~/AABE5gA~/RgRmm3fhP0SbaHR0cHM6Ly9saW5rLnNwcmluZ2VyLmNvbS9hcnRpY2xlLzEwLjEwMDcvczQwMTk0LTAyMy0wMTU0MS0zP3V0bV9zb3VyY2U9dG9jJnV0bV9tZWRpdW09ZW1haWwmdXRtX2NhbXBhaWduPXRvY180MDE5NF82N184JnV0bV9jb250ZW50PWV0b2Nfc3ByaW5nZXJfMjAyMzA3MjBXA3NwY0IKZLfh8rhkA-okaFISY3dzLWFuYkBjd3MtYW5iLmN6WAQAAAce) |
| John Lippold |

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