

Instruction for Authors

● Aims and Scope (Print Edition ISSN: 2466-2232/ Web Edition ISSN: 2466-2100)

Journal of Welding and Joining (JWJ) is an open access, peer reviewed and refereed international journal published in electronic form as well as print form. The journal is dedicated to the full range of scientific and technological issues associated with welding and joining of materials. The research work published will be oriented more towards both academic and practical applications in manufacturing. The journal covers all aspects of materials joining including welding, brazing, soldering, cutting, thermal spraying and hybrid joining and fabrication techniques. The detail scopes of JWJ journal include, but are not limited to, the following topics:

- Residual Stress/Distortion/Modeling
- Welding Strength/Integrity Assessment
- Arc Physics/Visual/ Simulation
- Sensing and Monitoring/Welding Processes/Welding automation
- Laser / Electron Beam Welding & Processing
- Friction Stir Welding/Process
- Electrical Resistance Welding
- Electronic Packaging and Reliability
- Nano/Microjoining Process
- Diffusion Bonding, Brazing, TLP Bonding, Soldering
- Surface Modification
- Inspection / Evaluation / Education & Qualification

● About the Journal

Journal of Welding and Joining is founded in 1983 and publishes issues bimonthly starting from February. The journal title has been changed three times, Journal of Korean Welding Society, **KWS**, from 1983 to 2006, Journal of Korean Welding and Joining Society, **KWJS**, from 2007 to 2012, and currently Journal of Welding and Joining, **JWJ**, from 2013 to present. Articles published in this journal are abstracted in Google Scholar, KCI (Korea Citation Index) and KSCI (Korea Science Citation Index). This work is supported by the Korean Federation of Science and Technology Societies(KOFST) Grant funded by the Korea Government

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Once it is submitted, you will be able to monitor the progress of your manuscript through the peer review process.

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Manuscripts should be typed in double-spaced with adequate margins. All manuscript must use SI (metric) units in the text, figures, or tables. Manuscripts should be organized in the following order: title, name(s) of author(s) and his/her (their) complete affiliation(s) including zip code(s), Abstract (not exceeding 200 words), Introduction, Main body of paper, Acknowledgements, References, Appendices, Table & Figure Captions, Tables and Figures.

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- **Abstract:** An abstract (200 words maximum) should open the paper or brief. The purposes of the abstract are:

1. To give a clear indication of the objective, scope, and results so that readers may determine whether the full text will be of particular interest to them.

2. To provide key words and phrases for indexing, abstracting, and retrieval purposes.

- **Body :** The original typescript should be submitted electronically in A4 size format, with a word count of 5000 (excluding figures), following the submission requirements described on the Journal's website. A final paper which would exceed of 5000 words or occupy more than 10 pages of the Journal may be returned for abridgement.

- **Equations:** All mathematical equations should be clearly printed/typed using well accepted explanation. Superscripts and subscripts should be typed clearly above or below the base line. Equation numbers should be given in Arabic numerals enclosed in parentheses on the right-hand margin. They should be cited in the text as, for example, Eq. (1), or Eqs. (1)-(3).

- **Tables:** All tables should be numbered consecutively and have a caption consisting of a table number and a brief title. This number should be used when referring to the table in text. Table references should be included within the text in numerical order according to their order of appearance. Tables should be inserted as part of the text as close as possible to its first reference — with the exception of those tables included at the end of the paper as an appendix. A separate list of table numbers and their respective captions should be included at the end of the paper (for production purposes only).

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- **Reference:** Within the text, references should be cited in numerical order according to their order of appearance. The numbered reference citation within text should be indicated with half-parenthesis in superscripts.

Example: It was shown by Moon¹⁾ that the fracture toughness decreases under these conditions.

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- (1) A. A. Golden berg and A. Bazerghi, Preview approach to force control of robot manipulators, *J. Appl. Mech.* 20(5) (1985), 449-464
- (2) Je-Hyoung Cho, Myung-Hyun Kimm and Jun-Woong Choi, FSW Properties of Aluminium Alloy 5000/6000 for Small Boat, *Journal of Welding and Joining*, 32(1) (2014), 34-39
<https://doi.org/10.5781/JWJ.2014.32.1.34>
- (3) Young Kim and Ki Young Park, Micro TIG Welding Characteristics of Stainless Steel Bellows, *Journal of KWJS*, 31(2) (2012), 115-119 ※ Journals published until 2013
- (4) Y. Miyazaki, S. Furusako and M. Ohara, Porosity Formation in CO₂ Laser Welding of Steel Sheets, *Journal of Japan Welding Society*, 19(2) (2001), 241-251

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Submitted manuscripts will be sent to two more peer reviewers, unless they are either out of scope or below the quality threshold for the journal, or the presentation or written English is of an unacceptably low standard. A manuscript that meets this standard is sent to anonymous reviewers for peer review. Once the editorial office receives complete reviews, the associate editor and editor makes a decision and the corresponding author is informed of the editorial decision by e-mail. The editor selects referees results of the review will be classified as follows;

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