CONTENTS

JOURNAL OF THE JAPAN WELDING SOCIETY
Vol.86 No.8 December 2017

Essay
Research Life Started from Japan Welding Society ......................................................... NISHIMURA Arata 3

Let's Join Together, Engineers!
Weldability of High-Strength Stainless Steel for High Pressure Gaseous Hydrogen Environments ......................................................... JOTOKU Kana
NAKAMURA Jun
OSUKI Takahiro
HIRATA Hiroyuki 5

Review
Simulation of Welding Residual Stress and Distortion ....................................................... MURAKAWA Hidekazu 9
– Coordination and Cooperation for Innovation –

Practical Lecture – Advanced Lecture –
Guide to Development of Innovative Joining Technology ............................................ KOIZUMI Yuichiro
AOYAGI Kenta
YAMANAKA Kenta
CHIBA Akihiko 20

Electron Beam Melting –

Point Lesson of Experiments
Old and New Visualization Technique of Airflow ......................................................... MIZUTANI Masami 29
– Shadowgraph Using Diverging Light –

Up-to-the-minute
Report of the 2nd International Conference on Structural Integrity ................................ KAYAMORI Yoichi 34

Spot Light
– My History for Welding – ......................................................................................... ABE Yohi 36

WELNET for Young Members
Minutes of the 57th meeting of the WELNET steering committee .................................. 38

Calendar of Event ......................................................................................................... 40

Society Announcements ............................................................................................... 41

Society News ................................................................................................................ 47

Quarterly Journal of the Japan Welding Society Vol. 35 No.3 2017 Contents .................. 81

General Index; Journal of the Japan Welding Society, 2017 ......................................... 82

Notice for photocopying
If you wish to photocopy any work of this publication, you have to get permission from the following organization to which licensing of copyright clearance is delegated by the copyright owner.

<All users except those in USA> Japan Academic Association for Copyright Clearance, Inc. (JAACC) 6-41 Akasaka 9-chome, Minato-ku, Tokyo 107-0052 Japan TEL: 81-3-3475-5618 FAX: 81-3-3475-5619 E-mail: info@jaacc.jp

<Users in USA> Copyright Clearance Center, Inc. 222 Rosewood Drive, Danvers, MA 01923 USA Phone: 1-978-750-8400 FAX: 1-978-646-8600