CONTENTS

JOURNAL OF THE JAPAN WELDING SOCIETY
Vol.85 No.6 September 2016

Essay
A Life of a Welding Engineer Who has Cherished Weed Spirit and Worked
TAKABA Shinji

Let’s Join Together, Engineers!
The Development of High-Speed, High-Strength, Low-Cost Metal 3D Printer Using Mig/Mag Welding
MURATA Hidekazu

Technical Information –Special Issue –
Welding and Joining Study from a Metallurgical Approach
FUJII Hiromichi
MUKAI Naoki
MURATA Hidekazu
YOTA Muneyoshi
TOKUNAGA Masatoshi
KADOI Ko
WANG Dan
SHINOZAKI Kenji
HONMA Yuta
KAYANO Rinzo

A Preface
Prevention of Weld Decay of Austenitic Stainless Steels
by Grain Boundary Engineering
BANNO Yasutaka
TAKAUCHI Hideaki
NANBA Shigenobu
NAKO Hidenori
TOKITA Shun
KOKAWA Hiyuki
SAITO S. Yutaka
FUJII T. Hiromichi
OGURA Tomo

Solidification Cracking Susceptibility during Laser Welding
and the High-accuracy Evaluation
DAI Koji

Effect of Residual Stress on High Temperature and High Pressure
Hydrogen Damage of Carbon Steel Plate for Pressure Vessels
SHINOZAKI Kenji

Development of Welding Consumables Applied to P91 Steel for Thermal Power Plants
KANNO Yasumasa
NAKASATO Tadashi
SUGIYAMA Toshihiro
TAKAI Toshihisa

Practical Lecture – Advanced Lecture –
Guideline for Development of Innovative Processing –FSW–
FUJII Hidetoshi

Up-to-the-minute
Report of 11th International Symposium on Friction Stir Welding
FUJII Hidetoshi

Spot Light
My History for Welding
FUJII T. Hiromichi

WELNET for Young Members
Report: The 8th young researcher group seminar and visitation in 2016

Calendar of Event
Information of the poster session in the national meeting of JWS in Autumn 2016

Society Announcements
Quarterly Journal of the Japan Welding Society Vol. 34 No.2 2016 Contents