

# CONTENTS

## *JOURNAL OF THE JAPAN WELDING SOCIETY*

**Vol.77 No.8 December 2008**

---

### Essay

- Role of Welding Technology on Completion of Manufacturing Processes for Establishing  
“Innovator Nippon”  
– Energetic/Active researchers/engineers' wisdoms bear Manufacturing Technology  
in Japan – ..... TOYODA Masao 3

### Let's Join Together, Engineers!

- Magnetic Pulse Welding for Sheet Metals ..... AIZAWA Tomokatsu 6

### Review

- Joining Technologies for Automotive Steel Sheets ..... UCHIHARA Masato 10  
Friction Stir Welding of Steels ..... FUJII Hidetoshi 19

### Lecture Note —A Class in Joining & Welding —

- Chapter 2 Materials and Weldability  
2-3 Test Method of Materials and Welded Joints ..... ONO Moriaki 33

- Chapter 4 Quality Control in Welded Fabrication  
4-3 Health and Safety for Welding and Thermal Cutting ..... { KOHYAMA Norihiko  
HATANNO Isao  
YAMADA Hiroshi  
OKUNO Tsutomu  
YAMANE Satoshi  
MIYAZAKI Kuniaki 40

### Point Lesson of Experiments

- Sample Preparation for EBSD Analysis ..... { MIRONOV Sergey  
SATO Yutaka  
KOKAWA Hiroyuki 49

### Up-to-the-minute

- Report of the Second (2008) ISOPE Strain-Based Design Symposium ..... HAMADA Masahiko 52

### Spot Light

- My History for Welding ..... TSUMURA Takuya 55

### WELNET for Young Members

- Joint Hosting Report of the 5th Welding/Joining Basic Seminar Hosted by Chugoku Branch ..... 58

- Calendar of Event ..... 60

- Society Announcements ..... 61

- Society News ..... 65

- Quarterly Journal of the Japan Welding Society Vol. 26 No.3 2008 Contents ..... 86

- General Index; Journal of the Japan Welding Society, 2008 ..... 88