Essay
More than 40 Years since I Started Welding Research ........................................ SUGA Yasuo 3

Let’s Join Together, Engineers!
Development of Polymer Coatings by Cold Spray Technique .......................... OGAWA Kazuhiro 5

Review
Hydrogen in Steel and Cold Cracking Susceptibility ........................................ KASUYA Tadashi 9

Practical Lecture — A Class in Joining & Welding —
Automobile (Process & Construction) ................................................................. MATSUI Hitoshi 34
SAYAMA Mitsuru
MIYAHARA Tetsuya
HATA Tsunehisa
YAHABA Takanori

Automobile (Technical Topics) .............................................................................. 43

Point Lesson of Experiments
Thermal Spray Diagnostics
– Particle Temperature/Velocity and Coating stress in-situ Measurement ........ WADA Tetsuyoshi 49

Up-to-the-minute
Report on the 23rd International Offshore
and Polar Engineering Conference ................................................................. SAKIMOTO Takahiro 54

Spot Light
Egg of Welding ..................................................................................................... IKESHOJI Mariko 56

WELNET for Young Members
Minutes of the 49th Meeting of the WELNET Steering Committee
and a Report on the Poster Session in the National Meeting of JWS .................. 59

Calendar of Event ................................................................................................ 62

Society Announcements ....................................................................................... 63

Society News ......................................................................................................... 64

Quarterly Journal of the Japan Welding Society Vol. 31 No.3 2013 Contents .......... 67

General Index; Journal of the Japan Welding Society, 2013 ................................. 68