

# Conference Report

## A Report of the 67<sup>th</sup> Annual Assembly of the International Institute of Welding held at Seoul

The 67<sup>th</sup> Annual Assembly and International Conference of the International Institute of Welding (IIW) was organized by the Korean Welding and Joining Society on July 13-18 2014 at Seoul, Korea. A total of 768 participants from 44 countries participated in the events with the “World of Joining Experience”. There were 8 Indian delegates in these events. The General Assembly of the Annual Assembly of IIW were represented by 44 countries. Cyprus was inducted as the new member country. On behalf of IIW India, Mr. Pabitra Kumar Das, Mr. Parimal Biswas and Dr. Arun Bhaduri attended the General Assembly. The meeting started with the Welcome Address by the President of IIW, Dr. Baldev Raj from India, followed by routine works relating to agenda wise discussion, etc. and approving minutes of the last General Assembly, 2013 in Essen. From India, Dr. Arun Bhaduri (India) was elected Vice-Chair, Commission III: Resistance Welding, Solid State Welding and Allied joining.

There were discussions held and papers presented in different Commissions of IIW related to different areas of welding. Five experts, namely G.L. Datta, T. K. Pal, A. K. Bhaduri, Santanu Das and S. Krishnan, from India presented papers in different Commissions. A meeting was held with American Welding Society and representatives of IIW-India on 16<sup>th</sup> July 2014 to discuss various aspects of ongoing collaboration between the two societies.

Special thanks were given to Dr. Baldev Raj, the outgoing President, for his contributions during his term (2011-2014) as President of the IIW. Dr. Baldev Raj then thanked the IIW members and for their confidence in him, and extended his best wishes to the future President, Mr. Gary B. Marquis, and every member of the Board of Directors. Next IIW Annual Assembly was declared to be held in Helsinki, Finland on 28<sup>th</sup> June- 3<sup>rd</sup> July 2015. The following technical papers were presented by the members from India.

Presenting author	Title	Respective Commission
G.L. Datta and Santanu Das	Some issues on education, training and skilling of welding personnel in India	Commission XIV
T.K. Pal	High cycle fatigue behaviour of friction stir lap welded 6061 aluminium alloy to coated steel sheet joint	Commission II
A.K. Bhaduri	Influence of boron and nitrogen on the heat affected zone of modified 9Cr-1Mo steel: gleeble simulation study	Commission II
	Studies on the microstructure and toughness of simulated heat affected zone in a modified 9Cr-1Mo steel	Commission IX
S. Krishnan	An investigation on effect of process parameters on weld bead profile of modified 9Cr-1Mo steel by pulsed GMAW	Commission XII
Santanu Das	Welding of acrylics using laser beam: an experimental investigation	Commission XVI

The IIW International Conference on “Advanced Technology in Welding and Joining for Heavy, Automotive and Electronics Industries” was held on July 17-18 2014. More than 100 invited papers were presented during the 12 sessions which focused mainly on applications and world markets. From India, Dr. A.K. Bhaduri and Prof. Santanu Das presented one paper each on “Effect of PWHT on the toughness of modified 9Cr-1Mo steel weldmetal” and “On the effectiveness of duplex stainless steel cladding deposited by gas metal arc welding” respectively.

(A few photographs are in back inside cover)

Prepared by Santanu Das, ISEC