

EDITORIAL

Volume 51, April 2018 issue of Indian Welding Journal is being brought out within the summer heat wave. Hope for frequent spells of rain to bring relief to people. The Editor expects that Vol.51 No.1, 2018 issue has reached members and subscribers. Even if it does not reach to a member or subscriber, one can surf through the website (<http://www.i-scholar.in/index.php/IWJ>) to find details of the articles published - the current one or the old ones.

The Editor tries to increase number of research papers or case studies, etc. in each issue. Assigning DOI (Digital Object Identifier) and Plagiarism Checking through Crossref of iThenticate system are being continued as a standard system followed internationally. With this, visibility of Indian Welding Journal has been increased across the globe surely.

We are happy to state that this year, **National Welding Seminar 2018** is going to be held in **Cochin in December 2018**. Hope welding fraternity will assemble there to have meaningful interactions.

Reports of different activities of different branches and sections of IIW-India are included in this issue as a regular section. The column, **"Tit Bit in Welding"** consists of one article: **"An Approach to Best Welding Practice: Part-X"** written by **Mr. S .K. Gupta** that deals with the Safety Aspects of Welding. I sincerely acknowledge the contributions of Mr. Gupta for this 11th article of him in a series.

Last year, The Indian Institute of Welding organised the International Congress, IC-2017 of The International Institute of Welding (IIW) in Chennai. The IIW awards Jaeger Lecture in an International Congress to a person in Recognition of Career-Long Involvement in the Development and Improvement of Power Plant Manufacturing Technologies Worldwide. In this congress, prestigious **IIW Jaeger Lecture** was delivered by **Dr. Arun Kumar Bhaduri** of Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamilnadu, India on **"Development and Deployment of Welding Technologies for the Indian Sodium-Cooled Fast Reactor and Advanced Ultra Super Critical Thermal Power Programmes"**. This article is published in the current issue.

Dr. Mahadev Shome, Head, Materials Characterization & Joining, R&D, Tata Steel, Jamshedpur, India delivered **Keith Hartley Memorial Lecture** during IC-2017 on **"Transforming India – Few Significant Developments and Prospects in Welding Technology"** and this paper is also included in this issue.

CEO BSP Award 2017 went to **Ashok Kumar P., Nikhil Shajan, Kanwer S. Arora and M. Shome** of Material Characterization and Joining Group, Research and Development, Tata Steel, Jamshedpur, Jharkhand, India. This award is given to the Best Paper in Reclamation and Repair Welding in Steel Plant presented in National Welding Seminar- 2016. Topic of this paper is: **"Repair Welding Procedure for P460NH Grade Steel Making Ladles"**, and it is also included in this issue.

Panthaki Memorial Award Lecture is given for the Best Paper presented on Welding of Non-Ferrous Metals, and this year, this award topic is on **"Microstructure, Mechanical and Corrosion Behaviour of AA7075 Aluminium Alloy Friction Stir Welds"** authored by **P. Vijaya Kumar, G. Madhusudhan Reddy, K. Srinivasa Rao**. This is a collaborative work involving Raghu Institute of Technology, Visakhapatnam, India, Defence Metallurgical Research Laboratory, Hyderabad, India and Department of Metallurgical Engineering, Andhra University, Visakhapatnam, India, and published in this issue.

Two contributory research papers are published in this issue. One is on **"An Experimental Comparative Review of Ferrite Measurement Techniques Used in Duplex Stainless Steel (UNS S32205) Welds"** contributed by **P. K. Nanavati and Sanjay N. Soman**, and the second one is on **"Investigation on the Effect of Activating Flux on Tungsten Inert Gas Welding of Austenitic Stainless Steel using AC Polarity"** authored by **Suman Saha and Santanu Das**.

Prospective authors are requested to contribute research articles, case studies, etc. for the Contributory article section or for the column, **"Tit Bit in Welding"** as the case may be, following Author Guideline available in www.iiwindia.com. All the articles are to send to the Chief Editor through email (ID: iwj.iiw@gmail.com) both in MS-word and pdf files.

Digitization work of the published articles of the IWJ since Volume 1 1968 is almost complete to make the archive of IWJ. A DOI allotted for an article of this issue looks like: <http://doi.org/10.22486/iwj/2017/v50/i2/146561>. With this DOI, any one can trace the article through internet search.

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