



MRSI Newsletter

*A quarterly publication of the Materials Research Society of India
for circulation amongst its members*

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From the Editors' Desk

Nature inspires us in many ways including design and innovations. Inspired from nature, Researchers from University of Maryland College Park, MD 20742, USA have designed artificial composite materials (metallic wood) to achieve anisotropic behavior with desired properties (Ref. DOI: 10.1002/adma.201703331, Highly anisotropic conductors). They have shown that metallic wood with metal continuously filling the wood vessels exhibit extraordinary anisotropic electrical conductivity in the order of 10^{11} and anisotropic thermal conductivity of 18. The confined and separated metal rods provide directional electron transport and the value reported to be the highest for existing anisotropic composite materials.

K K Nanda
Editor

For more details about the activities of MRSI, members are advised to visit the society's website at

www.mrsi.org.in

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MRSI NEWSLETTER

Volume B 17, Number 4 - October 2017

The MRSI Newsletter is a quarterly update published by the Materials Research Society of India. Members are requested to contribute information of interest to Materials Science community. Members can inform through the Newsletter, recognitions/awards received by them, changes in address, forthcoming events, and any interesting scientific/technological developments in the area of materials. The relevant information should be sent to the following address:

Editors

MRSI Newsletter

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Awards & Distinctions Conferred on Members

We are happy to report that the following member of Materials Research Society of India have received awards and distinctions shown against their names. MRSI congratulates them.

Gauri Sankar
Mukherjee PUBLONS PEER REVIEW AWARD-2017

A K Tyagi Metallurgist of the Year Award from Ministry of Steel, GOI.

P.S: Members are requested to communicate to the Editorial office about the Awards, Honours and Distinctions they have received from various agencies.

MRSI AGM 2018

February 14-16, 2018

Venue : SRM Hotel, Tiruchirapalli,

**Theme Symposium:
Advances in Functional and Exotic Materials**

The 29th AGM of MRSI will be held at Tiruchirapalli during February 14-16, 2018, being organized by Materials Research Society of India, Trichy Chapter (MRSI),.

The AGM would include Medal Lectures, MRSI honor Lectures and MRSI-ICSC Awards Lectures along with contributed poster papers covering the latest works of materials science community of the country. MRSI AGM-2018 would also include a theme symposium on “*Advances in functional and exotic materials*”

Call for Abstracts for Poster Presentations:

Abstracts are invited for Poster presentations. Materials Scientists interested in contributing posters, in the specified subject areas, may submit their abstracts online. The last date for the submission of abstracts online is November 15, 2017. Details are available at <http://www.mrsi2018.org>

For further details:

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MRSI AWARDS 2018

The MRSI Awards and Prizes for the year 2018 have been announced. The awardees will deliver lectures at the 29th AGM of MRSI to be held at Tiruchirappalli during February 14-16, 2018.

MRSI Silver Jubilee International Medal	Prof. Ram Seshadri University of California, Santa Barbara
Distinguished Materials Scientist of the Year Award	Prof. D N Bose St. Xavier's College, Kolkata
CNR Rao Prize Lecture in Advanced Materials	Prof. A K Tyagi, BARC, Mumbai
MRSI-ICSC Superconductivity & Materials Science Annual Prizes	Prof. Sandeep Verma IIT-Kanpur, Kanpur Prof. Neeraj Khare IIT, Delhi Prof. Ashok M Raichur IISc, Bangalore
MRSI Medal Lectures	
Dr. Ranjani Viswanatha JNCASR, Bangalore	Dr. Govind Gupta NPL, New Delhi
Dr. Ranjan Datta JNCASR, Bangalore	Dr. A R James DMRL, Hyderabad
Prof. Anantharaman, M. R, Cochin University of Science and Technology,	Dr. Josemon Jacob IIT, Delhi
Dr. Bipin Kumar Gupta NPL, New Delhi	Dr. Jaydeep K Basu IISc, Bangalore
Prof. S. Arumugam Bharathidasan University, Tiruchirappalli	Dr. Shaibal Kanti Sarkar IIT, Bombay
Dr. Shaibal Mukherjee IIT, Indore	Dr. Durga Basak, Indian Association for the Cultivation of Science, Kolkata,

New Members

Enrolled between July 1 and September 30, 2017

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Calendar of Events

December 22-23, 2017, Second International Conference on Advances in Materials Science
Dr. Shrikant R. Kokare, Head, Center for Nano Materials, Post-Graduate Department of Physics;
Raje Ramrao College, Jath; Dist: Sangli; (M.S.) India PIN 416 115, Mob:+91- 9421219424 Office: +91-
2344246251, <http://www.rrcollege.org/dept/Physics>

January 6-8, 2018, Second International Conference On Science and Engineering of Materials
(ICSEM 2018) Website: <http://www.materialsresearchlab.net/icsem/>

February 14-16, 2018, 29th Annual General Meeting of MRSI, SRM Hotel, Tiruchirapalli
Website : <http://www.mrsi2018.org>

August 20-24, 2018, The International Conference on Electronic Materials (IUMRS-ICEM 2018),
Daejeon Convention Center, Daejeon, Korea

Patron Membership

Professional Societies, Research bodies, Laboratories and Companies willing to support activities of MRSI (through a one-time contribution of Rs. 1,00,000/- are enrolled as Patron members by the Council of the MRSI.

Privileges of Patron Members:

- Publication of their names in MRSI Newsletter
 - Bulletin of Materials Science / MRSI Newsletter
 - MRSI Update
- Free supply of all periodicals published by MRSI such as:

-	Symposium proceedings at prices applicable to members
-	Display of Company Literature free of charge at MRSI meetings
-	Discounts on advertisements in Newsletter
-	Advance notification of programmes and events
-	Free employment Advertisements in the MRSI Newsletter
-	Registration of 2 company representatives in each society meeting at member registration rates

*We appeal to all organizations /laboratories/companies involved in the R&D/Educational activities of Materials Science and Technology to become Patron members. **Request for Patron membership may be made to:***

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