Editorial

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The Journal of Materials Science welcomes three new Editors, four new Editorial Board Members and seven new Distinguished Advisory Board Members. These changes are the largest since I joined Rees Rawlings as co-Editor-in-Chief in 2004 and underline the increased influence of the Journal of Materials Science at a time when our field is seeing much larger undergraduate class sizes, and the media is recognizing that everything that is important to us is made from materials!

particularly well known in the field of polymer-based materials for his work on batteries and other electronics. Ravi is a Full Professor at the Indian Institute of Science in Bangalore. He is a 2012 winner of the prestigious Shanti Swarup Bhatnagar Prize (for Engineering Science). Ravi's current research interests concern how nanomaterials form, develop and grow. Ravi was a Ph.D. student with former J Mater Sci Editor Kamanio Chattopadhyay—the tradition continues. As is typical for our Journal, Ray works in yet

From Left to Right: Michael Hickner, N. (Ravi) Ravishankar and Raymundo Arroyave

The three new Editors are Michael Hickner, N. (Ravi) Ravishankar and Raymundo Arroyave. Michael is both a Group Leader at Oak Ridge National Laboratory and an Associate Professor at Penn State University. He is

another, very different field, namely computational modeling. He is an Associate Professor and strengthens our presence in Texas—as you know, Jaime Grunlan is his colleague at TAMU and is one of our ‘polymer’ Editors.

Nikos Eustathopoulos (CNRS, Grenoble, France), Alberto Passerone (CNR Italy), Ambrose Taylor (Imperial College, London) and Niaqin Zhao (Tianjin University, China) join our Editorial Board. We like to reward some of

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our most reliable reviewers by offering them even more work. ☺

Craig Carter (MIT), Rob Ritchie (UC Berkeley), Gunther Eggeler (Bochum, Germany), past Editor Zuhair Munir (UC Davis), Trevor Page (Newcastle, UK), Reza Abbaschian (UC Riverside) and long-serving, past Editor-in-Chief Rees Rawlings all join our Distinguished Advisory Board.

I would like to thank the members of our two boards who have completed their terms for their help in growing the Journal, and encourage them to remain in contact with the Journal.

One reason for all these changes is to help us celebrate 2016! Our late colleague Robert Cahn founded the Journal of Materials Science in 1966. Forty years later, we celebrated 2006 with a special issue edited by Deputy Editor-in-Chief Grant Norton [1]. It was a bumper issue including a review paper by Robert himself and another review by long-term Journal supporter and Editorial Board Member, the late Tony Kelly. In 2011, we celebrated our 45th anniversary with the Sapphire Prize [2], which has now become the prestigious Cahn Prize, named in honor of Robert, and awarded annually for the best paper published in the calendar year. Since we currently receive about 5500 manuscripts each year and publish 800 (± 50), you can appreciate that the winner of the Cahn Prize receives not only a cash award of \$5000 but also the admiration of all the Editors and Board Members, others associated with the Journal, and our readers. The final selection is always made by the Members of the Editorial Board and the Distinguished Advisory Board. The Cahn Prize for 2016 will be presented to Bradley Richards, Hengbei Zhao and Haydn Wadley at the Cahn Prize Dinner in Boston at the end of MRS week. Their paper entitled “Structure, composition, and defect control during plasma spray deposition of ytterbium silicate coatings” appeared in the December 2015 issue [3]. If you get a chance to look at this paper, you will notice that it was submitted on June 25, 2015, accepted on August 14, 2015, and appeared online on September 15, 2015. When we are asked “how quickly can you publish a paper?” this paper illustrates our answer.

As you will have seen, the first issue of 2016 is another special issue. This time it is one that has actually set a Journal record for the number of pages in one issue. Mark Aindow, a Deputy Editor-in-Chief, did a wonderful job on bringing this Golden Anniversary issue together [4]; it includes 45 papers in its 634 pages. We emphasize that the Journal of Materials Science does not artificially limit the number of pages in a paper, and we do not regard critical experimental details as “supplementary information.”

In 2016, we will also celebrate our Golden Anniversary with the Gold Cahn Prize which will be presented at our annual dinner for all Cahn finalists in Boston in December. (The amount of Gold is yet to be decided!)

A new category that we have created for the Journal is the Invited Viewpoint. These articles are submitted by invitation only so I encourage you to contact any Editor if you have a viewpoint that you would like to develop. In January and February 2016, we will publish our first two Viewpoints. You may disagree with them, but we are sure you will find them interesting, informative, thought provoking and perhaps slightly controversial. I personally thank Christian Kisielowski [5] and Rainer Hebert [6] for being our first two innovators.

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