

Report on IUMRS-ICYRAM 2014; Second International Conference of Young Researchers in Advanced Materials Oct 24-29, 2014, Haikou, China

Being invited as a chair of the symposium and an invited speaker, Prof R Geetha Balakrishna (RGB) successfully participated in the above at ICYRAM - 2014, held in Haikou, China.

“Global Materials Network” (GMN), is a part of IUMRS and the meeting of GMN was scheduled on 24th between 5.00 pm-8.00 pm. Being a coordinator of GMN from India, Prf RGB attended the same along with RPH Chang, Prof from Northwestern University & President of GMN, Prof. Chowdhary, President-MRS Singapore, President- MRS China, Japan, Korea, Greece, Canada, Germany and Indiana. With regard to India, the members expressed – “the need for regional Co-ordinators to facilitate the registration of as many materials scientists as possible” and also expressed “the immediate need for organization of seminar/workshop/conference to bring all the material scientists across on a single platform and to propagate the need for networking”. The opening ceremony on 25th Oct 2014 at 8.30 am was chaired by Tao Dong, President of C-MRS and was inaugurated by Osamu Takai, President of IUMRS and leader from Haikou Municipal Govt, China followed by plenary session with speakers, Hiuming Cheng, Jim De Yoreo, Anke Weidenkaff, Peter Vooshes, Rodrigo Ferraro, RPH Chang and Alikhadem Hosseri focussing on graphene, perovskites and tissue material engineering for energy, health and environmental issues. On 26th Nov 2014, as a regular mandate in all conferences to announce the next venue, Prof RGB as a representative from MRS India announced and welcome the delegates during the award ceremony to India to participate in ICYRAM 2016, held at IISc, Bangalore India.

On Nov. 27th, Prof RGB chaired the session “Energy Conversion - Solar Cells” and gave an invited talk on “Quantum - Dot - Dye molecular interactions in third generation solar cells”. The acceptor dye molecule coupled to a donor- QD, through a carboxyl ended dye via a supramolecular interaction and the unique capabilities of such interfaces to enhance the V_{oc} in liquid junction solar cells were discussed at length.

The meeting followed by dinner on 25th Nov 2014 for symposia Chairs and banquet dinner on 26th Nov 2014 was very useful to establish many contacts and initiate collaborative research with scientists from various countries.

In all, participating soulfully in such events can definitely connect us with most updated research across the globe which is very essential.