

Inaugural Award of IEA HIA Individual Prize

The International Energy Agency Hydrogen Implementing Agreement (IEA HIA) is very pleased to announce the inaugural award of the IEA HIA Individual Prize on June 10, 2008. The IEA HIA Individual Prize was created to celebrate hydrogen research and development distinguished by technical excellence and harmony in international cooperation that contributes to the understanding and advancement of basic and applied hydrogen science. The inaugural IEA HIA Individual Prize winner is the globally acclaimed researcher in advanced materials for hydrogen storage, Dr. Gary Sandrock. The late Dr. Tapan Kumar Bose, former Director of the Hydrogen Research Institute at the Université du Québec à Trois-Rivières (UQTR) in Canada, was also honored as the recipient of the IEA HIA Memorial Individual Prize for lifetime achievements in hydrogen R&D.

IEA HIA Chair Nick Beck of Natural Resources Canada presented the awards during a ceremony at the annual U.S. Department of Energy Hydrogen Program Review in Arlington, Virginia, which was attended by a thousand members of the hydrogen community. The Prize recipients received a medal and plaque recognizing their outstanding accomplishments. Dr. Richard Chahine, current Director of the UQTR, accepted the award on behalf of Dr. Bose and his family.

For more information about the Inaugural Award of the IEA HIA Individual Prize, see the text of Chair Beck's remarks and pictures of the event, which follow immediately below.



from left to right –
Chair Nick Beck, IEA HIA
Individual Prize winner Dr. Gary
Sandrock; Dr. Richard Chahine,
accepting on behalf of Memorial
Individual Prize Winner, Dr. Tapan
Bose. Mary-Rose de Valladares,
Manager, IEA HIA

Chairman Nick Beck's Remarks at Inaugural Award of IEA HIA Individual Prize



I am very pleased to be here today.

I bring greetings from the IEA HIA Executive Committee, Operating Agents, Secretariat and the many experts – past and present – who have contributed to the R,D&D that has made the implementing agreement a premier resource for technical expertise in hydrogen. Today, with award of the inaugural IEA HIA Individual Prize, we in effect honor all their efforts in advancing hydrogen science.

Many, if not most of us in this room, share the IEA HIA vision of a

“Hydrogen future based on clean sustainable energy supply of global proportions that plays a key role in all sectors of the economy.”

We are very proud of our track record for scientific research and we are likewise proud of our researchers, who are very worthy of recognition. Indeed, for this

very reason,

it was not easy to select a winner for the IEA HIA Individual Prize. We appreciate and respect the many gifted researchers who have contributed to the implementing agreement's R&D portfolio over time.

Today we honor one individual whose research is distinguished for technical excellence and successful international cooperation. The IEA HIA Individual Prize recipient is Dr. Gary Sandrock.

Dr. Sandrock is a world-renown expert in metal-H systems with applications for hydrogen storage, energy storage, getters, vacuum technology, physical metallurgy, and alloys. Gary Sandrock is well recognized as a pioneer international researcher and entrepreneur advancing the knowledge and application of solid-state hydrogen storage technology. Gary is also a long-term contributor to the efforts of the IEA Hydrogen Implementing Agreement (HIA), having served as Operating Agent for 2 long-term tasks on storage (12 and 17). He was also instrumental in expanding and evolving these tasks into the current Task 22, the largest global collaboration in hydrogen storage R&D. Gary continues his commitment to IEA HIA as an expert for Task 22.

Dr. Sandrock has been active in materials research for over 35 years with over 100 technical publications. He has experience working in an industrial and national laboratory setting converting research results into marketable products. He has served as a mentor for numerous researchers in the field across numerous institutions around the

world. He has, in conclusion, made outstanding contributions to the advancement of global cooperative research and development of hydrogen storage technologies aligned with the mission of the IEA HIA.

It is a great honor to bestow on you the IEA HIA Individual Prize award for:

R&D

Characterized by technical excellence
And harmony in international cooperation
That contributes to
The understanding and advancement
Of basic and applied hydrogen science.



Thank you, Gary.

While the IEA HIA Individual Prize was conceived as a single award, special circumstances warrant special consideration. Every field has individuals who are recognized as leaders by their peers and the larger community. Dr. Tapan Bose was such a man and the IEA HIA was greatly saddened to learn of his unexpected passing in January of this year.

A former professor of physics and former Director of the Hydrogen Research Institute at the Université du Québec à Trois Rivières in Canada, Dr. Bose was also a former Chairman of ISO/TC 197 for Hydrogen Technologies. He authored and co-authored more than 140 publications and four books

as well as numerous technical reports; he also held 14 patents. A member of the Hydrogen Technical Advisory Group for NRCAn, he was also an Eastern Vice-Chair of the Canadian Hydrogen Association and President of the Hydrogen Engine Centre

Canada. In the international arena, he was a Director of the International Association for Hydrogen Energy (IAHE), and a Director and proponent of the Partnership for Advancing the Transition to Hydrogen (PATH).

It is with deep respect that the IEA HIA bestows its Memorial Individual Prize on Dr. Bose. Here today to receive the Prize on his behalf is Dr. Richard Chahine of UQTR.

Dr. Richard Chahine

