

## Bridge between Natural and Artificial Intelligence

**Danil Prokhorov**  
The INNS President



The INNS welcomes YOU who as many our members, by studying neural networks, strive to bridge the gap between natural and artificial intelligence. Among many INNS research areas are neuroscience, connectionism, cognitive science, brain-inspired computing, neuroinformatics, brain informatics, and all kinds of neural network applications. The INNS also welcomes those who study emerging research topics, for example, bio-inspired robotics, autonomous learning and mental development, etc.

The diversity and inclusive spirit of the INNS are reflected in our resolve to develop and support special interest groups (SIG) and regional chapters, especially in developing regions of the world, and to foster collaborations with other professional societies.

The INNS actively collaborates with several professional organizations, such as the European Neural Network Society (ENNS), the Japanese Neural Network Society (JNNS), the IEEE Computational Intelligence Society (CIS), and the Asia-Pacific Neural Network Assembly (APNNA), to name a few.

With IEEE-CIS, we take turns in leading the organization process of the International Joint Conference on Neural Networks (IJCNN), which is the premier venue for our members.

With the ENNS and JNNS, we share our flagship journal, *Neural Networks*, which publishes top-quality results of studies in various areas of neural networks and natural intelligence. We also publish this magazine, *Natural Intelligence*, under a skillful leadership of Soo-Young Lee and his team.

Let me also use this opportunity to welcome new members of the INNS Executive Committee, from this year, Kathy Kuehn – the INNS Managing Director, Ali Minai – VP for Conferences, Have Siegelmann – Secretary, as well as continuing members Irwin King – VP for Membership and Dave Casasent – Treasurer.

I would like to welcome three new members of our Board of Governors, Prof. Juergen Schmidhuber, Prof. De-Shuang Huang and Prof. Danilo Mandic, as well as Ron Sun, Ali Minai and Irwin King who were elected too to continue their important service to the INNS.

On behalf of the Board, I would also like to express deep appreciation to Prof. Ron Sun for his two years of excellent service as the INNS President. I would also like to thank Bruce Wheeler, our past managing director, for his many years of dedication to our society!

Last but not least, let me also thank the outgoing members of the Board, Profs. Stefan Schaal, Robert Kozma, Derong Liu, Carlo Morabito and Klaus Obermayer for their valuable service to the society!

The INNS presents its highest honors to outstanding researchers who made significant, ground-breaking contributions to the science and technology in our fields, including the Hebb Award, the Helmholtz Award, and the Gabor Award. For this year the awards will be presented at the IJCNN 2013 in Dallas, to these outstanding scientists: Robert Hecht-Nielsen for the Gabor Award, David Willshaw for the Hebb Award, and Juergen Schmidhuber for the Helmholtz Award. And one more award called INNS Young Investigator Award is to be presented to Jan Peters. Congratulations to all of INNS Awardees!

I welcome you to join the INNS to help us improve our collective understanding of the human brain/mind and create more powerful intelligent machines for addressing complex problems of the world. ■