

# NIBS'20 - Award

## 7<sup>th</sup> International Symposium on Negative Ions, Beams and Sources

September 1 – 11, 2020  
ONLINE



The NIBS Award (\$5,000 USD) donated by D-Pace, Inc. is presented for outstanding recent contributions to the fields of physics, theory, technology and/or applications of sources, low energy beam transport, or diagnostics of negative ions.

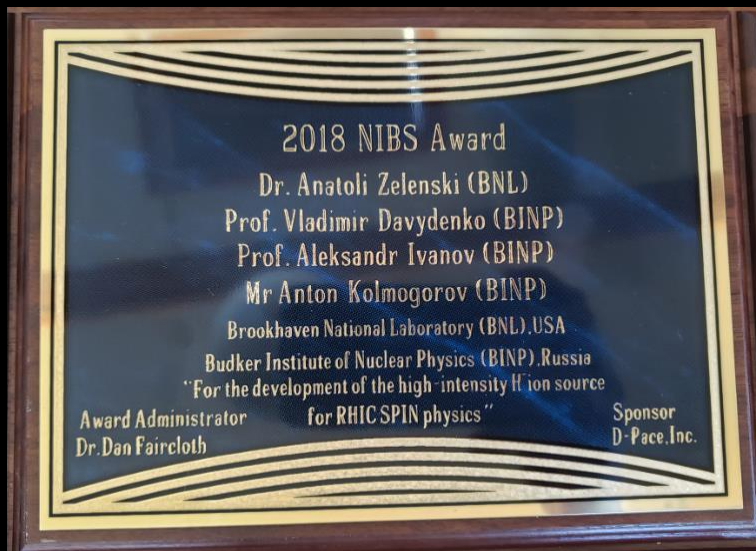
The first NIBS Award was presented at the NIBS`14 Symposium in Garching to the IPP Plasma Physics Group, namely Ursel Fantz, Bernd Heinemann, and Peter Franzen for their outstanding work on large negative ion sources, including the ELISE test rig.



The NIBS`16 Award in Oxford was given to the Japanese team of K. Tsumori, Y. Takeiri, K. Ikeda, and H. Nakano from the National Institute for Fusion Science and the SOKENDAI Graduate University for Advanced Studies, for “significant contributions in many areas of negative ion based neutral beam injectors; diagnostics and physics of the beam source, technological and theoretical aspects of beam sources and their application to neutral beam injectors”.



The NIBS`18 Award was presented in Novosibirsk to the international team of A.A. Ivanov, V.I. Davydenko, A.V. Kolmogorov from the Budker Institute of Nuclear Physics, Novosibirsk, Russia and A.N. Zelenskii from the Brookhaven National Laboratory, Upton, NY, USA for their outstanding work on the development of high-intensity polarized H- ion source for RHIC SPIN physics.





The International Program Committee of NIBS'20 has decided to present the NIBS'20 Award to the Japanese team of Dr.Mieko Kashiwagi, Dr.Atsushi Kojima, Dr. Junichi Hiratsuka and Mr. Masahiro Ichikawa from the National Institutes for Quantum and Radiological Science and Technology (QST) for the work “The Development of long-pulse high-intensity negative ion beam accelerations for Fusion reactors”.





Atsushi Kojima



Mieko Kashiwagi



Junichi Hiratsuka



Masahiro Ichikawa