The Seventh Vasil A. Popov Prize

awarded to

Andriy Bondarenko

Kyiv National Taras Shevchenko University

14th International Conference on Approximation Theory
San Antonio, Texas
April 8, 2013

Andriy Bondarenko is an Assistant Professor at the Kyiv National Taras Shevchenko University, Ukraine. He received his PhD from the same university in June 2007 under the supervision of Igor Schevchuk and Jacek Gilewicz.

The Seventh Vasil A. Popov Prize was awarded to Andriy Bondarenko of Ukraine on April 8, 2013, at the 14th International Conference on Approximation Theory held in San Antonio, Texas.

Andriy Bondarenko was recognized for his outstanding contributions to Approximation Theory. He along with Radchenko and Viazovska solved the spherical t-design conjecture by Korevaar and Meyers concerning optimal approximation of integrals over the sphere by arithmetic means of values of the integrand. This result beautifully illustrates the power of the fixed-point method to approximation problems. Andriy Bondarenko has also advanced powerful new ideas in other areas of Approximation Theory, in particular, in monotone rational approximation, one of Vasil A. Popov's favorite research areas.

The Prize, which consists of a marble pyramid trophy and a cash award of $2000, was presented to Andriy Bondarenko by Pencho Petrushev of the University of South Carolina, Chair of the Popov Prize Selection Committee. The other members of the Selection Committee are Albert Cohen, Arno Kuijlaars, Wolfgang Dahmen, Paul Nevai, Allan Pinkus, and Edward Saff. After the Prize awarding ceremony, Andriy Bondarenko gave a plenary lecture at the Conference entitled "Fixed Point Theorems in Approximation Theory".

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