



International Conference
“**Algorithmic Aspects of Social Choice and
Auction Design**”

August 09-10, 2018

Saint-Petersburg, Russia

Speaker: **Constantine Sorokin**

Title: **Pure Information Design in Classical Auctions**

Abstract: We consider an information design problem in the situations when mechanism design problem is irrelevant due to the revenue equivalence theorem. We rely on Bayesian persuasion techniques to demonstrate that the seller would like to withhold the information from bidders who would otherwise have the high (or very high) valuation, and to provide all the details to those with low types. Also, we find that the cutoff (low-high) probability is the same for all possible distributions of bidders' ex-post valuations.

Joint work with E. Winter.