

Nomination for INFORMS ISS Design Science Award 2014

Nominee Information

Soumya Sen, University of Minnesota
Carlee Joe-Wong, Princeton University
Sangtae Ha, University of Colorado Boulder
Mung Chiang, Princeton University

Submitter's Information

Soumya Sen, University of Minnesota
ssen@umn.edu

To whom it may concern,

I would like to nominate a research project titled "Smart Data Pricing" executed by the above research team for the INFORMS ISS Design Science Award 2014.

This project has kick started an entire multidisciplinary initiative between academia, industry, and regulatory bodies to jointly address the challenges posed to the sustainability of the Internet from the growing demand for broadband data. The work encompasses analytical modeling, system implementation, and field trials to understand how economic theories and effective system design principles can be used to modify user's data usage behavior.

This work continues to have a high impact in the industry and contributes to multiple academic disciplines, including Information systems, Computer networking, Human-Computer Interaction, Smart Grid markets, etc. The works have been peer-reviewed and published in the top conferences and journals in these areas. It has also led to the creation of new workshops, books, patents, etc.

A summary of the project and supporting documents are attached to this nomination. If you have further questions, please do not hesitate to contact me.

Best wishes,
Soumya Sen

Assistant Professor
Information & Decision Sciences
Carlson School of Management
University of Minnesota
Minneapolis, MN, USA.