

2011 New England Symposium on Statistics in Sports

September 24, 2011

All talks take place in the Harvard University Science Center, Lecture Hall C.

All breaks will be in the foyer area outside the lecture hall.

- 9:15am – 9:30am: Welcome
- 9:30am – 10:00am: James Piette, Krossover Intelligence Inc.
“The value of teamwork: Estimating individual performance via a statistical network algorithm”
- 10:00am – 10:30am: Samuel Ventura and Andrew Thomas, Carnegie Mellon University
“Improving NHL player ability ratings with hazard function models for goal scoring and prevention”
- 10:30am – 11:00am: **StatDNA contest winner presentation:**
Sarah Rudd, On Football Research and Consulting
“A framework for tactical analysis and individual offensive production assessment in soccer using Markov chains”
- 11:00am – 11:30am: Break (coffee and tea)
- 11:30am – 12:00pm: Adrian Schembri, RMIT University
“Comparing market efficiency with traditional and non-traditional ratings systems in ATP tennis”
- 12:00pm – 12:30pm: David J. Marcus, Ratings Central
“Ratings Central: Accurate, automated, Bayesian table tennis ratings for clubs, leagues, tournaments and organizations”
- 12:30pm – 1:00pm: Todd L. Graves, Los Alamos National Laboratory
“RUSH: Ratings using score histories”
- 1:00pm – 2:00pm: Lunch break (lunch provided)

2:00pm – 2:30pm: J. P. Ricciardi, New York Mets
*Scouting analytics: Use of statistical information
in MLB personnel decisions.*

2:30pm – 3:00pm: Sheldon H. Jacobson, University of Illinois
*“Seed distributions for NCAA men’s basketball tournament:
Why it may not matter who plays whom”*

3:00pm – 3:30pm: Chris Stride, University of Sheffield
*“Cheating in football: Team culture, player behavior,
or question of circumstance?”*

3:30pm – 5:00pm: Poster Session, with snacks and beverages

5:00pm – 6:30pm: Panel Discussion – *“Basketball analytics:
Strategizing in the NBA front office.”*

Moderator: Zach Lowe – NBA writer for *SI.com*, the Sports Illustrated web site

Panelist: Kenny Atkinson – Assistant Coach, New York Knicks

Panelist: Roland Beech – Director of Basketball Analytics, Dallas Mavericks

Panelist: Sam Hinkie – Executive VP of Basketball Operations, Houston Rockets

7:00pm – 10:00pm: Post-NESSIS get-together at

Tavern in the Square, Porter Square

1815 Massachusetts Ave., Cambridge, MA 02140

<http://taverninthesquare.com/tavporter/>