

Club Representatives' Meeting

December 12, 2019

Senior Men's Interclub

Tech Talk

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Monthly NewsBrief

- **May 2010**
 - First of 34 editions of the SMI Newsletter
- **May 2013**
 - First of 103 editions of the SMI NewsBrief
 - Reduced creative writing, focused on performance stats

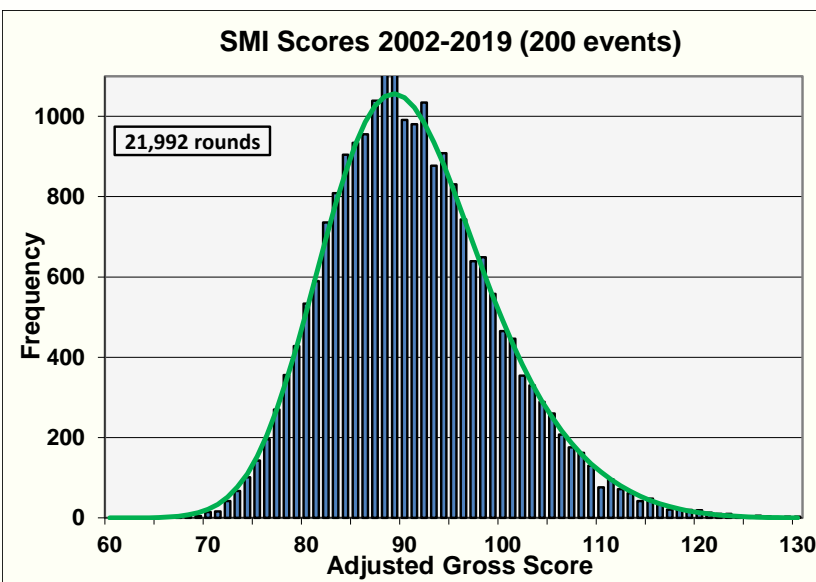
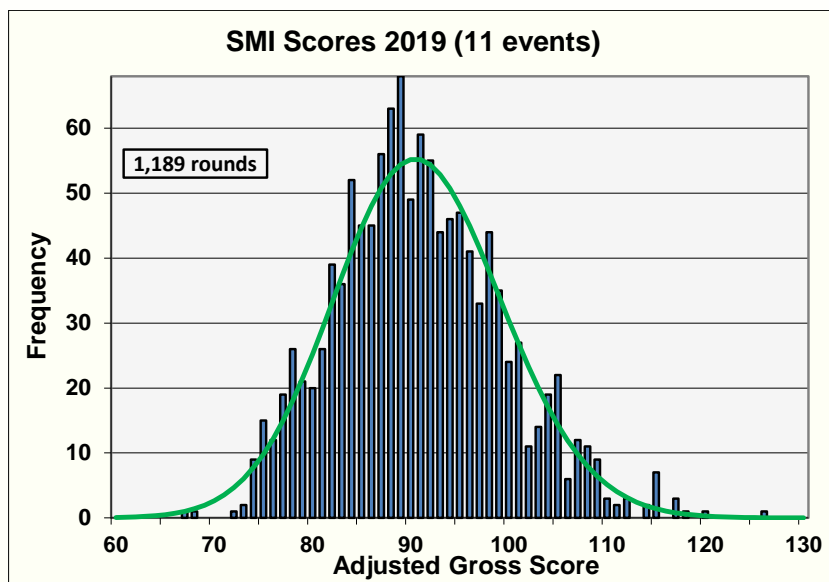
Edition	Date	Views
NewsBriefs		
⋮		
103	04/08/2019	227
104	05/13/2019	179
105	06/10/2019	229
106	08/19/2019	179
107	09/23/2019	157
108	10/21/2019	190
109	11/11/2019	182
About Us		
Rev 4	05/20/2018	1935

Total 3,278

18-Year Profile

Normal Mixture-5 Distribution

2019 & all-time scoring averages are identical: 90.9 strokes



A	B	C	D	E	Flight	A	B	C	D	E
0-10	11-14	15-18	19-22	23-36	Indexes	0-10	11-14	15-18	19-22	23-36
82.0	86.9	90.1	95.5	100.2	AGS	82.4	87.5	91.3	96.1	102.1
19%	21%	22%	21%	17%	Players	18%	26%	25%	19%	12%

266/1395

Distribution by flight is stable

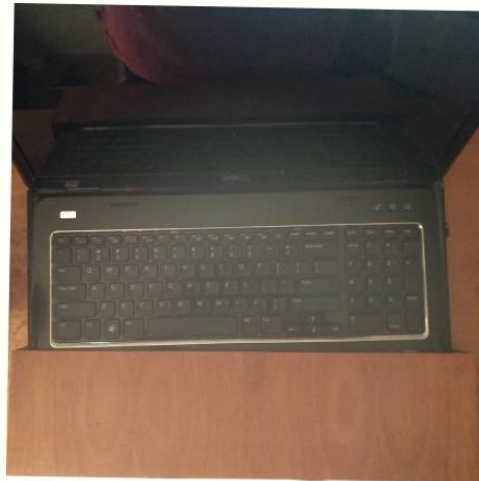
Problems and Solutions

- **Problem: PC touchpads are sensitive**

- Since bubble cards were introduced in May 2014, we have been plagued with a wandering cursor
- When the operator inadvertently bumps the touchpad, the cursor bounces around—sometimes between the PC and TV displays—causing scorecards to be rejected for operator review or program to thrash.

- **Solution**

- With late model PCs, the touchpad can be turned off when a mouse is connected
- For our older model PC, Chairman Fruechtenicht made a touchpad cover to solve the problem.



Pace of Play Toolkit

- **Scorecard Proxy Model (SPM)**

- Our Pace of Play Task Force (Dobrick-Fruechtenicht-Lunsford) generated time-study values to feed our deterministic model
- SPM depends on processing scorecards in the order received
- Its purpose is to identify most likely slow players

- **Golf Pace Of Play Simulator[©] (GPOPS)**

- We have a copy of this probabilistic simulation model—courtesy of Dr. Andy Tiger, a world-recognized PoP expert and longtime USGA contractor
- Our purpose is to identify bottleneck holes, optimize SMI loading policies, and validate the outputs of SPM and GPOPS
- GPOPS is seeded with over 43 course and player characteristics based on actual courses and time studies
- Our initial effort is to populate GPOPS with values that reflect our players and our courses

Leaderboard Enhancements

- **Bottom-middle panel on electronic scoreboard**
 - Introduced odds overcome by each leader
 - Added one row with hidden-tie notice

Leading Scorers		MC vs EH	Leading Scorers	
POINTS			POINTS	
44 -- Doug O'Connor MC			47 -- Tex Blinn HH	32:1
43 -- Joe Boone WG			47 -- Michael Jay SG	499:1
43 -- Joseph Aoki ML			47 -- Bruce MacDonald QH	32:1
42 -- Bob Larson MC			45 -- Mark Dalziel SG	32:1
41 -- Ben Parmer EH			45 -- Mike McBride EH	66:1
41 -- Jon Peterson OC			44 -- Ralph Cunliffe OC	28:1
18 -- Least points pulled			44 -- Lee Fields DC + 3 ties	66:1
STROKES			STROKES	
74 -- Jay Mueller DC			68 -- Lee Fields DC	66:1
75 -- Lee Fields DC			73 -- Michael Jay SG	499:1
78 -- Jim Hocker LP			75 -- Dave Vince HH	39:1
78 -- Ben Parmer EH			77 -- George Goldsmith EH	4:1
80 -- Michael Jay SG			77 -- Robin Luck HH	2:1
80 -- Jim White PA			77 -- Mike McBride EH	66:1
126 -- Most strokes taken			78 -- Jerry Deans OP + 1 tie	4:1

Looking Forward

- **Electronic Scoreboard**
 - Replace 50' HDMI cable with Miracast-enabled wireless link
 - Our antique PC is not Miracast-enabled
 - Some clubs may not have a Miracast-enabled TV