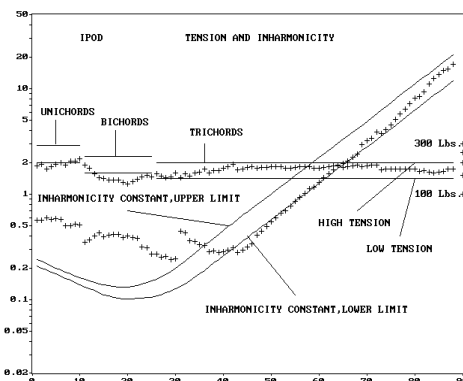


7:30 P.M., Tuesday, July 24th, 2007
@ Sherman Clay, Santa Clara

2030 Duane Avenue, Santa Clara, CA

Online maps: <http://www.SantaClaraPTG.org>
TECHNICAL PRESENTATION: Tremaine Parsons, RPT
**“18 Years of Piano Scale Design Observations &
Using PSscale to Evaluate Piano Scale Design”**

Tremaine Parsons will present scale design fundamentals and an overview of up to 200 original scale designs by different manufacturers old and new. Comparisons between manufacturers will be derived and we will speculate regarding who copied whom. Observations regarding weaker and stronger design aspects will be presented and discussed. Audio recordings will be on hand to demonstrate aural proof that scale design is much more than smoke and mirrors. Participants will also be reminded that scale design is only one important part of the larger picture. This class will be presented by the author of Pscale, a piano scale evaluation program that has been used by numerous Piano Technicians, Universities, and Piano Manufacturers since 1989.



This class will be appropriate for Pscale users as well as anyone who would like to see how the computer can aid in evaluating scale design. Audio recordings will be on hand to demonstrate aural proof that scale design is much more than smoke and mirrors. Participants will also be reminded that scale design is only one important part of the larger picture.

PScale													
Graphics / Win Fill Wire Size Set Core/Step Show T Codes Bass Legend Tail Data													
Graphics / Dos Dual SPLM Fill DIWS Wrap Type Verify Hidden Inch>mm.													
Top Bot Up Dn Exit HELP Total Tension Adjust Pitch Make Notes Partials													
N	SPLH	DIWH	T	INH	TEN	BP	DIWS	BTWH	BTWM	DIWS	AWSH	BWSH	
88	47.0	0.0310	TP	24.078	132.850	54.684	0.000	0.0	0.0	0.000	0.0	0.0	
87	49.0	0.0310	TP	22.877	128.643	52.953	0.000	0.0	0.0	0.000	0.0	0.0	
86	54.0	0.0310	TP	17.409	139.191	57.294	0.000	0.0	0.0	0.000	0.0	0.0	
85	59.0	0.0310	TP	13.712	148.032	60.933	0.000	0.0	0.0	0.000	0.0	0.0	
84	63.0	0.0310	TP	11.839	150.370	61.896	0.000	0.0	0.0	0.000	0.0	0.0	
83	65.0	0.0310	TP	11.728	142.605	58.700	0.000	0.0	0.0	0.000	0.0	0.0	
82	70.0	0.0310	TP	9.787	147.344	60.650	0.000	0.0	0.0	0.000	0.0	0.0	
81	74.0	0.0330	TP	9.967	166.239	60.385	0.000	0.0	0.0	0.000	0.0	0.0	
80	77.0	0.0330	TP	9.544	160.354	58.247	0.000	0.0	0.0	0.000	0.0	0.0	
79	82.0	0.0330	TP	8.329	162.014	58.850	0.000	0.0	0.0	0.000	0.0	0.0	
78	86.0	0.0330	TP	7.727	158.764	57.670	0.000	0.0	0.0	0.000	0.0	0.0	
77	90.0	0.0340	TP	7.676	164.436	56.268	0.000	0.0	0.0	0.000	0.0	0.0	

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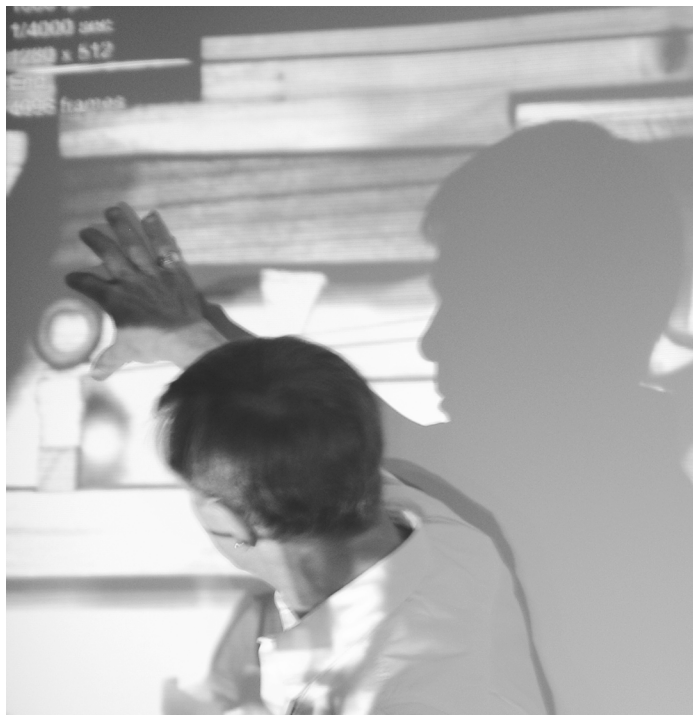
Budget Committee Report:

The proposed budget for fiscal year 2007-8 and the 2006 actual figures will be distributed to chapter members along with this newsletter. At this month's business meeting there will be an opportunity to discuss this years budget report and action to approve the budget will be heard.

PRESIDENT'S MESSAGE
Appassionato e con móto.

We hosted a sensational California State Conference last February. We have a new Board that is organized and enthusiastic. Let's continue to raise the bar by promoting education: seminars, strong technicals, associate upgrades. We'll reach out to the community, music teachers and dealers. Let's preserve our social gatherings at least twice a year to bring our Chapter together in a wonderful way. We'll also look back on our history and honor some of the members who made our Chapter what it is today.

Peter Acronico, RPT



Stephen Birkett (Univ. Waterloo) pointing out that pianos were once-upon-a-time reed instruments during his high-speed digital videography class.



Bernhard Stopper (Germany) flew to Kansas City to demonstrate his new "OnlyPure" ETD, and new software which animates virtual soundboards. Here he is in the Fazioli Suite wrestling false beats into submission.

Kansas City 2007



Awaiting the banquet, one convention goer test drives the "Boat", Fazioli's new M. Liminal design featuring curves that evoke thoughts of surf and turf.



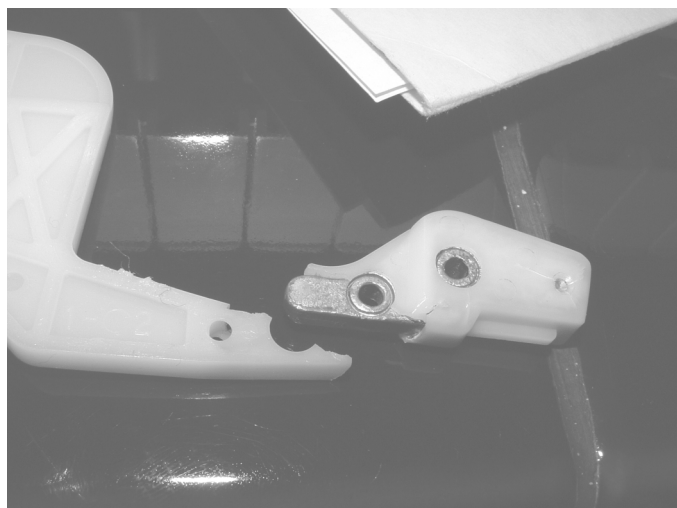
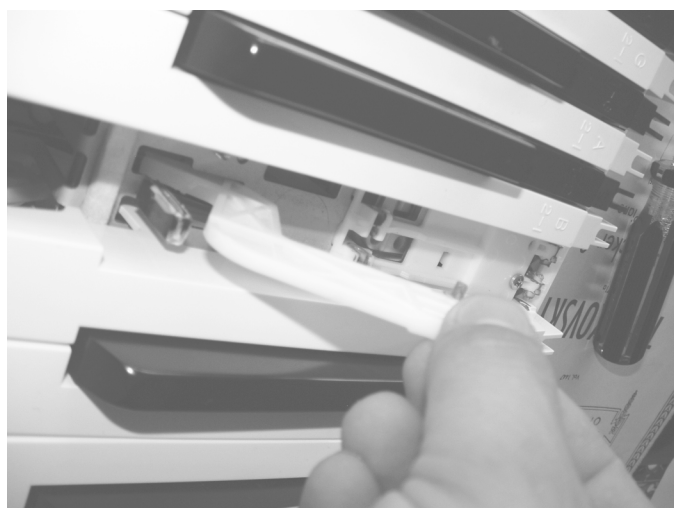
Steinway's 150th Anniversary Limited Edition invites the next passenger to hop on board—for listening pleasure.

REPAIRING BROKEN COUNTERWEIGHTS IN THE ROLAND DIGITAL ACTION

BY RICHARD BARBER, ASSOCIATE



The most challenging aspect of repairing digital actions is removing the keyboard from the instrument. On this instrument, the top slides off like an old spinet. Some electronic components had to be unmounted from the case before the keyboard screws could even be reached. Be sure to disconnect the keyboard ribbon cable before lifting it out the front. Each key can then be removed by spreading the plastic forks at the back of the key with a screwdriver.



Now that your key is off, you can remove the broken counterweight. For several years, Roland sold keyboards with counterweights made of weak plastic that had defects in the casting, causing them to degrade and weaken after a few years. The counterweights develop hairline cracks around the lead weight area. Roland does supply replacement sets of counterweights and keyboard felts, or you can make repairs to broken weights and fill cracks with thin CA glue.

The mission of the Piano Technicians Guild is to promote the highest possible standards of piano service by providing members with opportunities for professional development, by recognizing technical competence through examinations and by advancing the interests of its members.

"A Registered Piano Technician (RPT) has passed a series of rigorous examinations on maintenance, repair, and tuning of pianos. Only RPTs are authorized by The Piano Technicians Guild to display the logo containing the words "Registered Piano Technician." Associates may be studying piano technology and working toward RPT status, or may be piano retailers, rebuilders, refinishers or other specialists."

Disclaimer: All expressions of opinion and all statements of supposed facts are published on the authority of the author as listed and are not to be regarded as expressing the views of the Santa Clara Valley Chapter of the Piano Technicians Guild, Inc. unless such statements or opinions have been adopted by the Chapter or the Piano Technicians Guild, Inc.

Richard Barber, editor