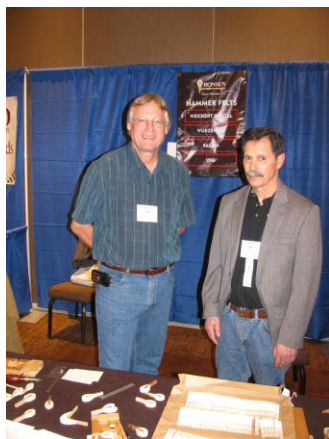


# "Actions by Design"

An All-Day Seminar, Saturday, June 25<sup>th</sup>

With Dale Erwin, RPT, and Ray Negron



*Please come enjoy a beautiful day in Reno, the biggest little city on earth. Enjoy friends, fun, and food as Dale & Ray walk with us thru the art of action design and hammer making in their usual down to earth style.*

It can be difficult to guarantee a successful, piano action, rebuild without the information action ratios & keyboard leverages *provide*. This seminar will help unlock the keys to success. No more guessing games when installing a new set of hammers and parts!

## **The Menu du Jour: First half**

- \* Learn what an action ratio is, and how to measure it.
- \* Use this knowledge to select and use correctly dimensioned parts.
- \* Correct poor leverages and enhance action performance
- \* Modify or predict regulation specifications
- \* Select appropriate replacement hammers for a reasonable hammer weight
- \* Prepare a hammer set for a specific weight curve and leverages
- \* Choose a reasonable balance weight and appropriate key leading
  
- \*Decide when to move the capstan, and when new keys are in order and much more!
  
- \* **Did We Mention DOOR PRIZES??!!!!**

## **Ronsen t-Shirts, Erwin Action ratio gauges and dip gauges**

Use the "Erwin action ratio gauge" to determine an action/key ratio quickly on a typical action and use it to guide the job step by step using mock-up parts. Other related subjects include Graphs, tools & visuals. See how to prepare hammers for smooth strike weight curve. Learn more about Hammer sampling and its importance. Learn to manage friction in keys, center pins and other points of contact. Learn to measure common action parameters and put them to work. Other....Dealing with the wippen assist spring action set up. The angled capstan: friend or foe?

**2nd half-- Re-introducing the "Weickert Special Felt" by Ronsen Piano hammer**

Ray Negrón of New York's Ronsen piano hammer will be here to present the history of traditional-style hammer making. We will take a visual trip thru the Ronsen factory, learning about this traditional, old-school approach to hammer making. Dale will detail why these hammers are different from today's mainstream hammers. Hands-on displays and tools will expand your knowledge of how hammers work, and why the production method and felt itself are largely responsible for ease of voicing. Ray & Dale had the rare opportunity to work with master felt maker Jack Brand of Wurzen Felt co. in Germany. We were able to recreate and re-introduce the "Weickert Special" felt. The Weickert felt was used by Steinway and many other famous piano makers for approx. 90 years before the plant was closed during the war. Listen to samples of this and other Ronsen felts IN THE PIANO.

**Wade's own Yamaha C-6 has a freshly installed set of the Ronsen "Weickert Special Felt"**

**Place: The home of Wade Muncy, 4984 Sierra Pine Dr. Reno, Nevada 89519**

**Contact: Wade Muncy at 775-829-4480 or Robert Callaghan –President 775-287-2140**

**For Hotel Information call Wade or Bob**

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| <b>Saturday, June 25th</b>             |
| <b>Morning Session 10am-12:30pm</b>    |
| <b>Lunch 12:30-1:30</b>                |
| <b>Afternoon Session 1:30pm-4:00pm</b> |

**Registration fee \$40.00 payable by check to Reno Chapter PTG**

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**NAME** \_\_\_\_\_

**Address** \_\_\_\_\_ **No of person's attending** \_\_\_\_\_

**PHONE** \_\_\_\_\_ **EMAIL** \_\_\_\_\_

**Make checks payable to Reno Chapter PTG**

**Mail your check and registration form to the above Address**

**You can also register via email [wadomuncy@yahoo.com](mailto:wadomuncy@yahoo.com), or call 775-829-4480**

**Space is limited; please register by June 15, 2011**