

## PTTGNZ AGM Weekend

### Mini-Convention with David Stanwood

Venue: Jenkin Piano Service Workshop, 128 Sunnybrae Road, Hillcrest, Auckland

Dates: 15<sup>th</sup> Friday, 16<sup>th</sup> Saturday and 17<sup>th</sup> Sunday April 2016

Fee:

- Free for NZ member (ARPT, Member and Provisional member)

**We've secured 30 places for NZ members!**

- \$100 for APTTA member from Australia.

**Only 2 places left!**

- \$250 Non member

**Available if the above places are not filled by March 18th.**

\* This fee can be credited toward to part of entry exam fee if the exam is sat before April 15 2017.

\*The cost of morning & afternoon teas is included. Lunches & dinners are not included. We will organize two sandwich lunches (Friday and Saturday) at the venue for \$25 for the convention. You are also welcome to bring your own lunch or pop out to get your own. There are a variety of lunch opportunities within 5 minutes drive from venue.

\*The fee is payable on the day of 15<sup>th</sup> at registration desk at venue. However you can pay online in advance. Please pay to: Account number 38-9016-0066849-00, registered name; Piano Tuners and Technicians Guild of New Zealand. Please use your name as a reference.

Booking:

**Booking is essential. Please reserve your place by email or call to:**

- Yuji: [yuji@jenkinpiano.co.nz](mailto:yuji@jenkinpiano.co.nz) or
- David: [david@jenkinpiano.co.nz](mailto:david@jenkinpiano.co.nz) or
- by phone, 09-440-9565 (Or +64-9-440-9565) Jenkin Piano Service

**PTTGNZ members must book before 18<sup>th</sup> March to avoid disappointment.**

Programme:

**Friday 15th**

10:00 Registration NZ members, coffee & Tea to catch up

10:30 AGM NZ members only but visitors welcome.

12:00 Registration and lunch for all participants open

13:00 Welcome & house keeping

13:30 – 14:15 & 14:30 – 15:15 [Stanwood - Period 1]

**The Science of Wool Felt and Principles of Voicing**

15:15 – 15:45 Coffee & Tea

15:45 – 16:10 Piano tuning business in Malaysia, Darren Hee & MC Chris Davidson

16:20 – 17:00 Jigs in the workshop, David Jenkin, BYO welcome

17:15 – 18:00 Committee Meeting and light drink for non-committee participants

18:30 - Dinner at nearby restaurant

**Saturday 16th**

8:30 Coffee & Tea

9:00 – 9:45 & 10:00 – 10:45 [Stanwood - Period 2]

**The Evolution of Touch Weight Metrology**

10:45 – 11:05 Coffee & Tea

11:05 – 11:50 & 12:00 – 12:45 [Stanwood - Period 3]

**Action Ratios - All Not Created Equal**

12:45 – 13:45 Lunch

13:45 – 14:30 & 14:40 – 15:25 [Stanwood - Period 4]

**Hammer Weights - Overlooked Until Now....**

15:25 – 15:55 Coffee & Tea

15:55 – 16:30 Grand Damper installation tips, Christina Frueh

16:40 – 17:15 Use of lubricants, David Salmon

19:00 - Dinner and Music at local restaurant

### **Sunday 17th**

8:30 Coffee & Tea

9:00 – 9:30 Hammer shaping mini-tutorial, Graeme Harvey and contributors

9:40 – 10:20 The world of springs, Kevin Hanna

10:30 – 11:10 Push & Pull - The use of magnets in piano technology, Wytze Hoekstra

11:10 – 11:30 Coffee & Tea

11:30 – 12:10 In the tool box, Group discussion lead by Wytze Hoekstra

12:10 – 12:30 Removing broken screws and agraffes, David Jenkin

12:30 Finish mini-convention

## Summary of Topics by David Stanwood

### Period One - **The Science of Wool Felt and Principles of Voicing**

*Were would we be without sheep? If not for 100% wool felt, pianos would be a different animal. Learning how felt is made and how it works give us a deeper insight into the construction and voicing of the piano hammer. Felt allows us to make a rainbow of colour from loud to soft using gradations of density. Live demonstration with piano hammer made with non felt materials will raise you eyebrows and get you excited about voicing even the worst hammers.*

### Period Two - **The Evolution of Touch Weight Metrology**

*Explore the chronology of discovery 1988 - 2015: Down Weight/Up Weight are composed of the independent variables of Balance Weight and Friction. Hammer and key lead Weights start to matter when you figure out how to weigh them digitally. All pianos are not made with the same ratio... Actions are really made like a staircase of stepped weights. Uniform height and steepness of the staircase define the dynamic playing characteristics. A simple equation explains the relationships and make new levels of precision possible.*

### Period Three - **Action Ratios - All Not Created Equal**

*Experience, in class, the difference that can be made in an action by changing the action ratio with a simple road technique. See how it evolved into the adjustable leverage action. Learn how choose the right parts and reset capstan line if needed to get the right action ratio. Simple rules for action spreads and elevations are important too.*

### Period Four - **Hammer Weights - Overlooked Until Now....**

*Hammer Weights have a huge influence on Piano quality. Listen to and feel the change of tone and touch when 1 gram clips are added to the hammers. Manufacturers won't give us hammer weight specifications so we'll do it ourselves! Matching hammer weight to the ratio is the foundation.*

## Summary of Topics by NZ members

### Piano tuning business in Malaysia, Darren Hee & MC Chris Davidson

*We welcome Darren who is coming to the mini-convention from Malaysia. What is the life as piano technician in Malaysia? A situation we know very little about. Our ARPT member Chris is finding out what the piano tuner's life there is like. Also Chris shares insights on a piano tuner's life in Dargaville, New Zealand!*

**Jigs in the workshop**, David Jenkin

*Self built Jigs are a great way of keeping things precise. Delve into the workshop jig box, including key top removal, hammer slicing, hammer tapering, amongst others. Feel free to contact David if you want to bring along a particular favourite.*

**Grand Damper installation tips**, Christina Frueh with help of Mokie Lee

*Damper installation of grand piano is one of mysteries for un-experienced technician. Christina will show you procedure of installation and detailed tips with special made damper model.*

**Use of lubricants**, David Salmon

*David shows you a catalogue of lubricate-able places and his preferred lubricants for each place.*

**Hammer shaping mini-tutorial**, Graeme Harvey

*Let's explore basic techniques and tools. Refresh best practice principles. We'll try hands on experience with group participation.*

**The world of springs**, Kevin Hanna

*Showing how to deal with springs for uprights i.e. removal, selection, customising and fitting. Also present the way of felt cutting such as wads, washers and squares.*

**Push & Pull – the uses of rare earth magnets in piano technology**, Wytze Hoekstra

*An overview and will only lightly touch on the use of magnets to modify action repetition and touch weight.*

**In the tool box**, Group discussion lead by Wytze Hoekstra

*Everyone please bring one tool they like to use. Show and tell us how and why it works for them. Brownie points for self made, modified, improved, unusual or tools that have more than one use.*

**Removing broken screws and agraffes**, David Jenkin

*"Bang!" \*>§ΦζΠ \*&^%#@#<\$%^&! broken off screw, bridge pin or agraffe. Repairing it is not that difficult if you know what you do. David will lead you through the repair procedures.*