



blechblas-instrumentenbau **egger**

venedigstrasse 31 · ch-4142 münchenstein/basel · telefon +41 61 681 42 33 · fax +41 61 681 72 20
info@eggerinstruments.ch · www.eggerinstruments.ch

News from the Workshop

General News

We would like to bring in the New Year by informing you of all the new things happening in our workshop. Since last autumn, the developments at our shop have followed each other so quickly that we haven't been able to send out news fast enough; by now most of you will have witnessed these developments in some way or another. 2008 was an exceptionally busy year: **we moved**, we **integrated the company "Galileo"** (in June 2008), and there were **many comings and goings of personnel**. Since things have settled down, we have been pleased to welcome many of you into our new workspace. "Galileo" has settled in well, and we **welcome the diversity they will bring to our production and clientele**. And finally, having last year diverted some of our production energy to moving and setting up the new workshop, our **storeroom** is now **full** again and we have a stable team of employees.

Moving

The global spread of the Historically-Informed Performance movement and its ever-increasing concern with refining its instrumentarium have given us a steady increase in projects over the last few years. The Turnerstrasse workshop had become too small to accommodate all of these different projects, and we feel that in the **new, bright and generous space** we have now, we are able **to better fulfill our potential**.

Galileo

Galileo is not only the name of an important scientist of the 16th and 17th Centuries, but is also the name of a company which, for the past twelve years, has been **building valve trumpets of the highest level**. After building up their company, Ralf Masurat and Michael Krawczack decided that in order to better develop their products and keep their competitive edge, they would strengthen their small production by consolidating Galileo with the Egger workshop. Since then, **Ralf Masurat** has worked with us as the **contact person and production leader for Galileo instruments**. Until October, **Urs Lauinger**, one of Galileo's employees, **worked with us to integrate and assimilate production methods** from the two companies **and introduced our longtime employee, Benjamin Sauer, to the building specifications of Galileo concert trumpets**.

Website

We are **currently redeveloping our website**, updating the pages devoted to historical instruments, introducing the Galileo line, and giving a better general overview of our company.

Staff

Our new website will also feature a page introducing all our present staff.



blechblas-instrumentenbau **egger**

venedigstrasse 31 · ch-4142 münchenstein/basel · telefon +41 61 681 42 33 · fax +41 61 681 72 20
info@eggerinstruments.ch · www.eggerinstruments.ch

Research Projects

The project “**Keyed-Trumpets**,” in which we participated under the direction of **Markus Würsch**, Hochschule der Künste Bern (HKB), has now been completed. We will publish a link to the final report on our website in January 2010.

A new research project with the title “**The Chaussier Horn**; French Horns between natural and valved instruments in the second half of the 19th Century” has begun at the HKB under the direction of **Daniel Allenbach** and **Martin Mürner**. As research partners, we will be copying the only known horn of this type.

At the suggestion of **Martin Mürner**, horn player and restorer of historical brass instruments, we will be collaborating with him in the copying of three baroque horns. Each year for the next three years, we will choose a different model to copy. **In 2010**, we will copy a **horn in F 415**, and in **2011** and **2012** we plan to **copy horns in D 415 and G 415** respectively.

The project “**Articolazioni e morfologia dei bocchini negli ottoni: tromba, trombone e corno**,” led by **Massimo Zicari**, **Fachhochschule Lugano** (SUPSI) has been completed. In the course of this project, we participated in an investigation of the “**acoustical effects of round vs. flat rims on mouthpieces**”. The results confirm our practical experience: that mouthpieces with flat rims produce sounds richer in overtones and a different response compared to those with round rims. A follow-up project investigating other mouthpiece parameters has been tendered, and once again we have been asked to participate as partners in the research.

Besides the above projects, Rainer is involved in two other research projects, both of which examine how materials influence the acoustics of brass instruments. The project “Historically-informed brass instrument making; material and production techniques in the 19th Century” will begin at the **HKB** on January 1st, 2010, under the direction of **Adrian v. Steiger** and sponsored by the Kommission für Technologie und Innovation. At the **Institut für Wiener Klangstil**, **Hannes Vereecke** is using as exact as possible copies of Renaissance trombones to research **how different material parameters affect acoustical similarity to original instruments**. In both cases these projects will be working with technical research institutes in order to take advantage of the most current measuring methods available.



blechblas-instrumentenbau **egger**

venedigstrasse 31 · ch-4142 münchenstein/basel · telefon +41 61 681 42 33 · fax +41 61 681 72 20
info@eggerinstruments.ch · www.eggerinstruments.ch

Developments and Improvements of our Historical Instruments

Authenticity, Visual and Acoustic

Our instruments are getting even **closer to the originals**, in terms of both **dimensions** and **building methods**. Our head of production, Gerd Friedel, has learned the art of hand-engraving and we are pleased to now be able to offer beautiful **hand-ornamented bell garlands**.

Mouthpieces for historical trumpets

We have added two new sizes to our selection of mouthpieces: the extra-large BL1Xb and the S6b with a deeper cup than the S6 model.

No-Hole Trumpets

We have collaborated with **Jean-François Madeuf** to rework our copy of a **natural trumpet** by **Johann Leonhard Ehe II**. Different bow-dimensions and historical metalworking have yielded a **more balanced tuning and an easier response** in C 440 and 415 instruments. Together with **Giuseppe Frau**, we have also **improved the option to add holes** through exchangeable tubes by fine-tuning dimensions and hole-placement.

4-Hole Trumpet

Wolfgang Gaisböck, Camerata Salzburg and Concentus Musicus Vienna, as well as **Franz Landlinger**, L'Orfeo Barockorchester Linz, came to our workshop with the wish to play a **4-hole trumpet which**, despite being of standard length, **plays just as easily and well as our high-F instrument**. The changes we made to achieve this not only make the instrument easier to play, but also **bring it closer to its historical model**. The prototype in D 415 is now ready, the first workshop tests have yielded very convincing results, and now we look forward to the coming days when we will work with musicians to test the instrument further.

3-Hole Trumpet

We have added a **traditionally-shaped 430 bow** with to the 3-hole trumpet. In 2010 we have **plans to improve the basic intonation** as well as to implement changes which will bring the **acoustical behaviour** further towards an **historical** model.

Invention-Trumpet after Eduard Bauer.

The increasing interest in Classical instruments provoked our copying this stopped trumpet. The original instrument is in the **collection of the Basel Musical Instrument Museum** (Historisches Museum Basel). This stopped trumpet has a tuning slide and can play in keys from **G 440 to Bb 430** with the use of crooks.



blechblas-instrumentenbau **egger**

venedigstrasse 31 · ch-4142 münchenstein/basel · telefon +41 61 681 42 33 · fax +41 61 681 72 20
info@eggerinstruments.ch · www.eggerinstruments.ch

Demi Lune

At the suggestion of **Krisztian Kovats**, the first student at the Schola Cantorum Basiliensis to complete a Diplom in Romantic music, we copied a **stopped-trumpet in half-moon shape, with bell from Alois Doke** (Linz 1823). Krisztian gave this trumpet its test drive at his recital, playing it in a concerto by Otto Nikolai (1810-1849). Following this very successful debut, **Markus Würsch** ordered two such trumpets for the the **Hochschule Bern**, which has a speciality in Romantic music.

Keyed Trumpet after Eduard Bauer

We built this trumpet as part of the “**Keyed trumpet**” project at the Hochschule Bern, led by **Markus Würsch**, by **copying an original instrument owned by Jaroslav Roucek**. We also restored the original instrument, giving us the opportunity to test it as much as we wanted and to copy it as exactly as possible. This instrument has no tuning slide, but is tunable with the use of bits and playable from **G 400 to C 430** with the addition of crooks.

Trombone Mouthpieces

We have expanded our range of **Classical mouthpieces** and a complete overview of all available mouthpieces will be posted to our website at the beginning of 2010. We have also copied a mouthpiece provided to us by **Catherine Motuz**, who besides performing as a specialist on historical alto and tenor trombones, has worked at our workshop in the past year. Especially good for **Renaissance music**, this mouthpiece is now called **RT 6**. Other sizes for tenor trombone include **RT6V**, **RT5.5**, and **RB5** is a version for bass trombone. An alto trombone version is presently in the testing phase.

Renaissance Trombones

Gerd Friedel has recently begun hand engraving the bells and ferrules of our **MDC trombones**. We have altered the **MDC bass trombones** somewhat by thinning the walls and ferrules, making them not only closer to original instruments, but lighter as well. We have added an **MDC bass trombone in F** to the present model in Eb. All trombones with authentic slide positions are now also available in a new **Historic Version**, using hammered brass but standard ornamentation, giving them the acoustic qualities of the MDC models but at a lower cost. We have also improved the **tuning and response of the bass trombone in Eb** and of the **alto trombone with historic slide positions**.

Because of the increasing demand in orchestras for Classical/Early Romantic trombones, we are expanding our palette to include a **late-Classical alto trombone** after **Johann August Crone**, Leipzig 1780. The prototype will be built in January.



blechblas-instrumentenbau **egger**

venedigstrasse 31 · ch-4142 münchenstein/basel · telefon +41 61 681 42 33 · fax +41 61 681 72 20
info@eggerinstruments.ch · www.eggerinstruments.ch

Developments and Improvements of Galileo Trumpets

General

- We are expanding the **Galileo concert and piccolo trumpets** to include **hammered bells** and **Mainz rims** of our own production.
- We are optimising the production process for **lead-pipes** using Egger technology.

New Piston-Valve Piccolo Trumpets “Jonas,” in Bb and A

- These trumpets are made from combining Galileo with Egger piccolo trumpets.
- We have reworked the dimensions of the bell sections and we now use thinner (0.35mm) sheet brass or bronze.
- The leadpipe dimensions are acoustically fitted to the new model.
- While we recommend models tailored to one pitch only (Bb or A), a combination model (Bb/A) will also be available, realized through the exchange of the bell, lead-pipe and slides.
- We are presently preparing a high C version of this trumpet.

Concert-Trumpets in Bb and C

- We have added a new model of bell-section to the existing one.
- We have optimised the positions of the overblowing keys for C, A, D, and B and added the option to access the B key with the left hand.
- A concert trumpet in C with an 11.5mm bore is now available.
-

Solo C and Bb Trumpets

- We have fine-tuned the position of the first valve slide.
- We have fine-tuned the response and intonation of some of the notes in the high register.

“Janus,” a New Jazz Trumpet

- This trumpet features piston-valves and is lightweight, with an extra long leadpipe due to a reverse-construction tuning slide.
- Elements of traditional trumpet design include hammered stays and half-tone bows in Heckel geometry combined with piston-valves.