

Introduction to Precision Timing

September 6 to 10, 2010

A must for watchmakers who wish to work on high quality products

March 2010

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Instructor

Nikolaas Dockx

Dates and duration

September 6 to 10, 2010 ; 5 days

Timetable

From 08:30 to 12:00 and from 13:30 to 17:00

Location

WOSTEP, Saars 99, 2000 Neuchâtel, Switzerland

Aim

To gain practice with precision timing and understand its intricacies.

Participants (min. 4 / max. 8)

Participants must have followed a watchmaking school and have a complementary experience in watch repairing. Watchmakers with no such basic training must have a minimum of 3 years full-time experience in watchmaking.

Since the participants are going to deal with the basic movement, it is important they are competent to deal with all aspects of a simple mechanical watch, such as repairs of the gear train including barrel and jewels, the winding and setting mechanism as well as adjusting the escapement.

Program

Theory

- Terminology and parts of the regulating unit
- Definition of isochronisms
- Definition of chronometer
- Study of main factors affecting the isochronism such as:
 - Balance wheel and hairspring poise error
 - Escapement influence
 - External shocks
 - Regulating pins
 - Temperature changes

Practice

- Adjustment of the watch before timing
- Exchange of balance staffs
- Poising balance wheels
- Flattening, centring and adjusting hairsprings
- Dynamic poising
- Final Timing procedure and checks
- Precision timing will be done on following calibres:
 - ETA 6497 (Trad regulator)
 - ETA 2892 (ETACHRON regulator)
 - Rolex 3055 (Free sprung balance)

Certificate

A certificate of attendance will be delivered upon the end of the course.

Price

CHF 1,800.- per person (accommodation and meals not included).

Material

The material is at disposal.

Accommodation

All participants will receive a list of hotels in Neuchatel with the confirmation of the course in order to make their own reservation.

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Registration Please fill out in capital letters

Personal information

Title: Ms. Mrs. Mr.
Name(s):
First name(s):
Full-time watchmaking experience: years
Present occupation and responsibilities :
Current employer:

Contact Information

Mailing address

Street address, n°:
Post office box:
Zip Code, city:
Country:
Home phone:
Prof. phone:
Fax:
Cell phone:
Private E-mail:
Prof. E-mail:

Invoice (if different from the above mentioned)

Contact person:
Street address, n°:
Post office box:
Zip Code, city:
Country:

Where/how have you heard about WOSTEP ?

- WOSTEP student(s)
- Employer
- Advertisement
- Internet
- Other:

Date Signature