

# Training course

## Plain Glass Moulding - October 20

**The training course is tailored for technicians of production, design and quality control.**

### MORNING PROGRAMME

9-12

**Roberto Dall'Igna**

Stazione Sperimentale del Vetro Murano

#### **Glass properties and moulding optimization**

**The glass material and its moulding properties:**

- Viscosity
- Thermal expansion
- Specific heat
- Density
- Thermal conductivity

**Moulding processes (blow-blow, press-blow, pressing):**

- Machine speed
- Temperature evolution in glass
- Temperature evolution in moulds

### AFTERNOON PROGRAMME

14-17

**Roberto Reverberi**

Consultant

#### **Concepts for the design of the moulds to optimize the forming of the glass container**

- Course on the moulds, blow-blow process
- Moulds – Heat and cooling
- Narrow neck press-blow process
- Thermal expansion of the mould's material
- Rational concepts to design moulds and mould holders for presses machines

**N.B. From October 1 to 15 you can send email with specific questions to:  
[ativ@ativ-online.it](mailto:ativ@ativ-online.it)**

# REGISTRATION FORM

	Congress only payment by Oct 1	Congress only payment after Oct 1	Congress and Courses payment by Oct 1	Congress and Courses payment after Oct 1	ONLY Training course
<b>Member A.T.I.V.</b>	€ 350	€ 420	€ 500	€ 600	€ 150
<b>Not Member A.T.I.V.</b>	€ 450	€ 540	€ 600	€ 720	€ 250

Please check the desired case, and fill in the payment method data

## Registration fee entitles to

Participate to workshop, get congress material, attend coffee breaks and lunch

## Cancellations

No refund is possible for cancellations after October 4, 2016.

For cancellations arrived by October 4, 2016 a 20% withholding will be applied on the registration fee

## Congress proceedings

Every attendee will receive a usb pendrive with congress proceedings, which are a useful means of keeping up to date in this field.

Participants data are stored in a database belonging to ATIV and for which ATIV is responsible. Database processing is for the Association activity only. According to privacy law 675/96 and subsequent modifications, it is possible to request removal or modifications of one's data from the database.

Date \_\_\_\_\_ Signature \_\_\_\_\_

Fill in in block letters and email this form to:  
**ativ@ativ-online.it**

Name \_\_\_\_\_

Surname \_\_\_\_\_

Company \_\_\_\_\_

Address \_\_\_\_\_

Mail \_\_\_\_\_

Payment method \_\_\_\_\_

☐ Credit card (CartaSi, Visa, Mastercard)

Card number \_\_\_\_\_

Expires \_\_\_\_\_

CV2 code \_\_\_\_\_

Name on credit card

\_\_\_\_\_

Signature \_\_\_\_\_

## ☐ Bank transfert to

(please attach a copy of the transfer receipt).

c/c N. 35 225 968 - A.T.I.V.

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Payment description: "XXXI A.T.I.V. Conference"  
and name of participant(s)

**At the congress registration desk cash, check and major credit card payments will be accepted.**