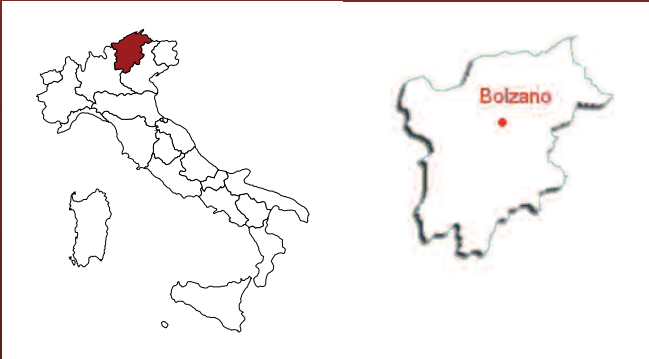


Information

The meeting is free of charge for ATA members and students.

In case you're not ATA member, you can find the subscription form at the ATA web site (www.ata.it) or at the meeting reception.

If you're interested in the workshop, you can register by E-Mail or FAX: 0039 0461 412325



Contacts:

CRF, Trento Branch:
Massimo TOLAZZI
massimo.tolazzi@crf.it

ATA - Associazione Tecnica Automobile
Trentino Alto Adige:
Silvia DI ROSA
silvia.dirosa@crf.it

Venue:
Congress Hall, Cassa di Risparmio di Bolzano
Via Talvera 2c, I-38100 Bolzano, ITALY



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CENTRO
RICERCHE
FIAT

Workshop

Flexible Production Technologies as Key for Competitive Products

November 27th 2009

Congress Hall, Cassa di
Risparmio di Bolzano
Via Talvera 2c
38100 Bolzano - ITALY





Program

Technological and Business strategists have long sought to formulate a new approach that would serve profitably for a market of one. Two decades after its conception, there is growing evidence that mass customization strategy is transforming into a mass personalization strategy, making the market of one a reality, at least in most select industries. Today, a very large variety of manufacturing forming processes is used in modern industry practice. Many of these processes, used in making aircrafts, automobiles and other products, use complex equipment, derived from the latest discoveries in science and technology.

With the ever-increasing knowledge of science and technology, future processes promise to be even more advanced to satisfy the demand for a more flexible productivity at lower investment costs, making the market of one a reality.

The organization of this event comes from the purpose to provide an overview on topics related to modern flexible manufacturing technologies; four sessions are envisaged:

- Tubes, Profiles and Extrusions
- Sheet Metal
- Plastics and Composites
- Applications

SCIENTIFIC COMMITTEE

Antonio FUGANTI
Alberto MOLINARI
Stefania BRUSCHI
Giampietro GAI
Massimo TOLAZZI

Registration

Timing: 08:30 – 09:00

Workshop Official Opening

Timing: 09:00 – 09:30

- Ass. Barbara Repetto** *Member of the Provincial Government of Bolzano for Innovation, IT, Labor, Italian Occupational Education, Finances and Budget*
- Enrico Valentinelli** *Vice-President Cassa di Risparmio Bolzano
Former President Assolmpreditori Alto Adige*
- Antonio Fuganti** *Director of CRF - Trento Branch
President of ATA Trentino Alto Adige Branch*

Session 1: Tubes, Profiles and Extrusions

Timing: 09:30 – 11:30

Chairman: Prof. Alberto Molinari, University of Trento

- 09:30 Production of Three-Dimensionally Bent Profiles Using the TSS-Bending Process**
Daniel Staupendahl, IUL - Dortmund University, Dortmund, GERMANY
- 10:00 BLM Group: Automotive Applications**
Sergio Raso, Roberto Germignani, Adige Sala - BLM Group, Levico Terme, ITALY
- 10:30 Load-Optimized Roll-Formed Parts for a World in Motion**
Joern Miklas, Edwin Pfisterer, Welser Profile GmbH, Bönen, GERMANY
- 11:00 NGV Project - Propose Great Opportunities in Automotive Lightweighting**
Roland Gustafsson, Volvo Technology Corporation, Gothenburg, SWEDEN

Coffee Break

Session 2: Plastics and Composites

Timing: 12:00 – 13:00

- 12:00 Rotomolding: Industrial production via Leonardo Technology**
Carlo Orteni, Persico, Bergamo, ITALY

- 12:30 The E-LFT Process and an Outlook on Melt Embossing**
Diego Jaggi, ESORO AG, Fällanden, SWITZERLAND

Lunch Break **Timing: 13:00 – 14:00**

Session 3: Sheet Metal **Timing: 14:00 – 16:00**

Chairman: Massimo Tolazzi, CRF - Trento Branch

- 14:00 Flexible Manufacturing Methods for Low Volume Lightweight Production**
Andreas Blankl, LFT Erlangen-Nuremberg University, Erlangen, GERMANY

- 14:30 High Flexible Prototyping Cell**
Silvio Antonioni, Centro Ricerche Fiat – Trento Branch, Trento, ITALY

- 15:00 Sheet Metal Forming: Virtual Material Cost Optimization**
Marcello Gabrielli, Enginsoft, Trento, ITALY

- 15:30 Hydroforming: A Competitive Approach**
Alfonso Kratter, Inoxveneta, Vittorio Veneto, ITALY

Coffee Break

Session 4: Applications **Timing: 16:30 – 18:00**

Chairman: Roland Gustafsson, Volvo Technology Corporation

- 16:30 The Cabin of the APL Tractor**
Sergio Magrini, Case New Holland, Modena, ITALY
Silvia Di Rosa, Centro Ricerche Fiat – Trento Branch, Trento, ITALY

- 17:00 Alfa Romeo 8C**
Mario Moscariello, ELASIS, Pomigliano, ITALY

- 17:30 Ferrari California**
Massimo Pettazoni, Ferrari, Maranello, ITALY

End of the Meeting **Timing: 18:00**