

**CAME-GT Conference  
Brussels  
10-11/July/03**

ALSTOM

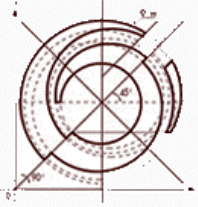
# **CONCLUDING REMARKS**

**1st International Conference on Industrial Gas  
Turbine Technologies**

**Nick Otter**

Director of Technology and External Affairs, ALSTOM Power

**ALSTOM**



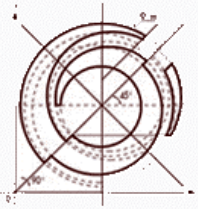
## Aims of Conference

**ALSTOM**

- **To bring together researchers in Gas Turbine Technology**
  - European Union Countries
  - Associated Candidate Countries to EU
  - US and North America
  - Other countries world-wide
  
- **To focus on current progress and future developments**
  - Combustion
  - Materials
  - Systems
  - Turbo-machinery and Heat Transfer
  - Instrumentation and Monitoring

**CAME-GT Conference in Brussels on 10-11/July/03**



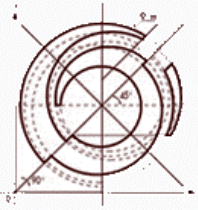


## Details of Conference

**ALSTOM**

- **23 Countries represented, ~130 people**
  - Austria, Belgium, Denmark, Eire, France, Germany, Greece, Holland, Italy, Spain, Sweden, UK
  - Bulgaria, Cyprus, Czech, Israel, Poland, Romania, Slovenia, Switzerland
  - Hong Kong/China, Thailand, USA
  
- **8 Plenary plus 61 Technical Presentations**
  - Combustion 19
  - Materials 12
  - Systems 21
  - Turbo-machinery and Heat Transfer 5
  - Instrumentation and Monitoring 4

**Basic Statistics**

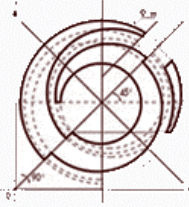


# Reflections on Conference

**ALSTOM**

- **Appreciative of support from European Commission**
  - for the CAME-GT network activity
  - good attendance from across Europe
  - Petros Pilavachi and his office
- **Appreciative of help of the US DOE**
  - enabled a good US perspective to be presented
  - Rich Dennis and US delegates, especially US DOE University Turbine Systems Research Program members
- **High quality symposium**
  - impressed by technical content of presentations
  - impressed by level of debate
  - right level of attendance to ensure interactions

**A very worthwhile event**

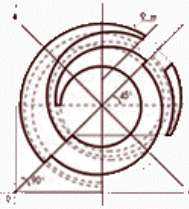


## Messages from Conference

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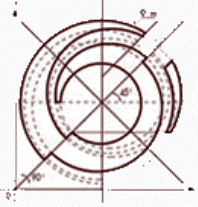
- **Power generation industry is rapidly changing with ever more pressing requirements for competitiveness and environmental sustainability**
  - no one single winning technology; portfolio approach necessary
  - clean use of fossil fuels will be an critical transitional issue to get to a sustainable energy future
  
- **Emphasised the importance of the Gas Turbines as a key prime mover in 21st Century**
  - fuel flexibility : natural gas through to syn gas of all types
  - range of size : micro through to large heavy duty
  - wide application : power generation, industrial, oil/gas, .....
  - IGCC and link to CO<sub>2</sub> capture/storage and hydrogen production

**Messages 1**



- **Continuing need to maintain interactions**
  - across sector from researchers to industry and governments
  - throughout the expanded EU and wider in Europe
  - internationally .... using agreements in place (eg EU-US)
- **Importance of EU/EC Networks**
  - FP5 : CAME-GT, POWERCLEAN, CO2NET
  - FP6 : networks of excellence
  - even more important for setting future agenda with interaction with proposed ERANET scheme in `Low Emission Power Plant`
  - requirement for `critical mass` actions in Europe



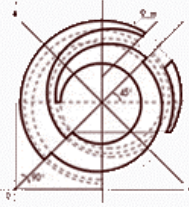


- **Next Event**

- Combustion Workshop on 13-14/Nov/03
- Hosted by Manfred Aigner of DLR Stuttgart Germany

- **What happens after CAME-GT?**

- a valuable activity : emphasised by this conference
- would be beneficial to continue somehow after agreement ends



**THANKS TO ALL ATTENDEES  
SPEAKERS AND CHAIRS**

**Special thanks to DAVID POLLARD,  
JUDY HENSON and DIANE SMITH for  
all the preparation and organisation**

**Thank you and Goodbye**



The Alstom logo features the word "ALSTOM" in a bold, sans-serif font. The letters "A", "L", "S", "T", and "M" are dark blue, while the letter "O" is red and stylized as a circle with three concentric red arcs inside it. The logo is centered on a white, semi-circular background that is part of a larger graphic design with blue vertical stripes and a red curved band.

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