

Please send this report to the Secretary-General of EUROMECH, within one month after the Colloquium

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EUROMECH Colloquium No : **EUROMECH 358**

Title : « **Mechanical behaviour of adhesive joints : analysis, testing and design** »

Dates and location : **4 - 6 september 97 - ISAT Nevers - FRANCE**

Chairman : **Professor Shahram AIVAZZADEH**

Co-Chairmen : **Professor Robert D. ADAMS, Professor Albert H. CARDON, Professor Alain RIGOLOT**

Is there need of another Colloquium on the same or a related subject ? Which year ? **The participants asked us to organize another Colloquium within the 5 coming years about Mechanics of Adhesive Joints**

Full registration fee : **1 800 FF (young researchers under 30 : 1 000 FF)**

What other funding was obtained ? **Regional Council of Burgundy, AUM (French Academic Society for Mechanics), DuPont International, Université de Bourgogne (University of Burgundy), Ville de Nevers (Nevers City Council)**

What were the participants offered ? **Registration fee included Proceedings, Banquet, meals**

Number of members of EUROMECH (reduced registration fee) : **2**

Number of non-members of EUROMECH (full registration fee / 1 800 FF) : **34**

Number of young researchers under 30 (reduced fee / 1 000 FF) : **17**

Number of participants from each country :

Austria		Germany	2	Romania	
Belgium	4	Great Britain	5	Russia	
Byelorussia		Greece		Slovakia	
Bosnia		Hungary		Slovenia	
Bulgaria		Ireland		Spain	
Croatia		Italy	4	Sweden	
Czech Republic	1	Latvia		Switzerland	6
Denmark		Lithuania		Ukraine	
Estonia		Netherlands	1	Yugoslavia	
Finland		Norway		Others :	
France	40	Poland		. Japan	3
Georgia		Portugal	2	. Scotland	1
				. USA	1

**TOTAL : 70**

**Please turn**

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Scientific Report

EUROMECH 358 was divided in three main categories :

- Analysis : presentation of papers discussing analytical and numerical methods used to analyse the stress state in adhesively bonded joints,
- Testing : presentation of papers discussing some of the test techniques for characterization of the mechanical properties of adhesives and bonded joints,
- Design : presentation of papers dealing with design consideration and the durability of bonded joints.

Some papers have been particularly remarked, especially those about the mathematical foundation of adhesive joints, others relating to the design tools presented during the Colloquium.

The Proceedings enclosed to the present report represent an exhaustive basis of the work achieved.

Thanks to our sponsors, the registration fee for young researchers under 30 was reduced, which allowed a young researchers participation of about 40 %.

I want to thank the European Mechanics Society for having retained our proposal to organize the meeting and giving its patronage.

Please use additional pages if needed. Put date and signature at the end

