

On the history of DYMAT

On the history of DYMAT

During the 70's, very fast development of works concerning the dynamic behavior of materials, more and more laboratories all over the world were implied in this field of research.

In France, in the early 80's, the DRET (Direction des Recherches, Études et Techniques) managed a working group gathering several labs from university, industry and institutes of research.

Progressively, the members of this group considered that, in regard to the works performed both in France and abroad, it would be convenient to organize an international congress.



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DÉLÉGATION GÉNÉRALE POUR L'ARMEMENT

DIRECTION DES RECHERCHES ÉTUDES ET TECHNIQUES

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SERVICE DES RECHERCHES Groupe VIII "Matériaux-Technologie-Structures" Division "Matériaux"



L'Ingénieur Civil F. VIAL

Chef du Groupe VIII par intérim "Matériaux-Technologie-Structures"

PARIS, le

à

Destinataires "in fine"

-=-000-=-

<u>O B J E T</u>: Convocation à une réunion préparatoire à l'organisation d'un congrès sur le comportement dynamique des matériaux ($\mathring{\mathcal{E}} > 10^2 \text{ s}^{-1}$ au temps d'application de la contrainte $\leq 1 \text{ ms}$).

P. JOINTES : 2 annexes dont une à retourner avant le 19 mai 1983.

-=-000-=-

Monsieur,

Le Groupe 8 "Matériaux-Technologie-Structures" de la D.R.E.

Aussi ai-je l'honneur de vous demander de bien vouloir ret le questionnaire et de participer à la réunion qui se tiendra à l'E. 16 bis avenue Prieur de la Côte d'Or, Fort de Montrouge 94110 ARCU salle Gribauval, le 26 mai 1983 à 13 h.30.

Le but de cette réunion sera :

- De présenter l'analyse de la consultation préalable.

- De définir les thèmes à aborder au colloque.

- De proposer un comité d'organisation chargé des aspectifiques et matériels.

Veuillez agréer, Monsieur, l'assurance de ma considérat distinguée.

5 0

On the initiative of the DRET, a **first meeting** took place at ETCA Arcueil, on **May 26th**, **1983** :

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1 1 MAI 1983

Nº 7020 /D.R.E.T./ SDR/G 8.1

- it is decided to organize an international conference in France,
- the organizing committee is set up, under the presidency of Jean Philibert, specialist in metallurgy and eminent professor of the University of Orsay

Le Professeur DUE		
Le Profess		
tifique charge de PHILIBERT		
ac de l'organisation de précis		
Le Professeur PHILIBERT a accepté la Présidence du Comité Scien- tifique chargé de l'organisation du colloque. Les membres du Comité Scientifique, nommés lors de la réunion sont les suivants : - Mr. VIAL - Mr. REMILLIEUX - Mr. STELLY		
- Mr. VIAL		
- Mr. REMILLIEUX DRET - Mr. SUPERT		
- Mr. DODULI DICA/CMCM		
Mr. JADOWEVAL CEA/DAM		
OTAK BY		
Main FAUCONNTER ETCA/CEC		
- Mr. Bur BORE		
ISMOM ISMOM		
Mr. CHIEM UNIVERSITE DE L		
- Mr. GAMBI ENSM DE NANTES - Mr. PLUVINAGE UNIVERSITE DE DOC		
UNIVERSE DE POTETRES		
- DATE ET LIEU DU COLLOQUE :		
DU COLLOOTTE		
Plusi Le collogue -		
ropositiona entre a		
Le colloque se déroulera entre les mois de mai et octobre 1985. Plusieurs propositions de lieux ont été faites : Nantes, Metz. Pari.		
Laites : Nantes Waites 1985		
Le colloque se déroulera entre les mois de mai et octobre 1985. Plusieurs propositions de lieux ont été faites : Nantes, Metz, Paris.		

- July 1983, first meeting of the Organizing Committee : difficulties appear
 - no address

- no secretariat
- no bank account
- •
- Obviously, the best way to get round these difficulties was to set up an association
- Beginning September, JL. Lataillade proposed the draft of statutes, which are accepted
- On September 29th, the statutes are sent to the French Administration (Sous-Préfecture de Palaiseau)

→ DYMAT is born officially on October 29th, 1983,

with the announcement in the "Journal Officiel"



ISSN 0373-0425

Samedi 29 Octobre 1983.

JOURNAL OFFICIEL

DE LA RÉDUBLIQUE ERANCAISE

9828 N. C.

JOURNAL OFFICIEL DE LA REPUBLIQUE FRANÇAISE

29 Octobre 1983

ÉDITION [

Avis: Le Journal officiel complémentaire n° 25

PRESIDENCE DE LA REPUBLIQU

ORDRE NATIONAL DE LA LEGION D'E

Décret portant nomination (p. 3206).

DECRETS, ARRETES ET CIRCULA

PREMIER MINISTRE

Décret nº 83-939 du 27 octobre 1983 portant s création d'emplois dans les services du Pre 79 - DEUX-SÈVRES

29 septembre 1983. Déclaration à la sous-préfecture de Bressuire. Comité d'organisation du grand prix cycliste. Objet : organiser le grand prix cycliste annuel et toute autre organisation pouvant aider et favoriser le développement sportif et populaire de ce grand prix. Siège social : mairie, Moulins, 79700 Mauléon.

3 octobre 1983 Déclaration à la sous-préfecture de Bressuire. Association des parents d'élèves des écoles publiques de Moutierssous-Argenton. Objet : veiller aux intérêts matériels et moraux de l'école laïque et représenter les parents auprès de l'administration de l'établissement. Siège social : école publique, Moutiers-sous-Argenton, 79150 Argenton-Château.

91 - Essonne

29 septembre 1983. Déclaration à la sous-préfecture de Palaiseau. Amicale du personnel de la caisse des écoles. Objet : resserrer les liens d'amitié et de solidarité entre tous les membres du personnel. Siège social mairie, 91470 Limours.

29 septembre 1983. Déclaration à la sous-préfecture de Palaiseau. Association pour la promotion des études du comportement dynamique des matériaux et applications. Objet : créer des liens entre les scientifiques concernés par l'étude des comportements dynamiques des matériaux en vue de favoriser des échanges d'informations à caractère scientifique et technique ; organiser toute manifestation pouvant promouvoir ces échanges d'informations. Siège social : 147, rue Marceau. 91120 Palaiseau.

29 septembre 1983. Déclaration à la sous-préfecture de Pal-Athis en fête. Objet : organiser, en collaboration ave cipalité et les sociétés locales à caractère social tif, les fêtes locales, les manifestations coou industrielles telles que : exposition zaines commerciales, braderies animations locales, toutes m général du but qu'elle

29 sent

Général-de-Gaullo

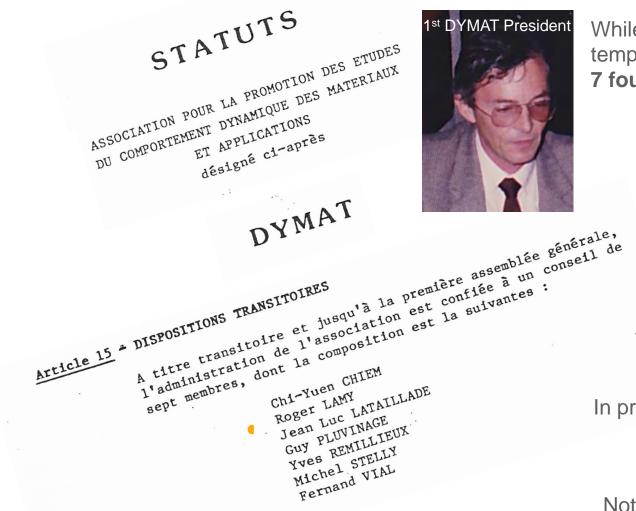
29 septembre 1983. Déclaration à la sous-préfecture de Palaiseau. Elèves-Assistance. Objet : faciliter l'assistance d'étudiants à des tiers. Siège social : 23, rue F.-H.-Manhes, 91700 Sainte-Geneviève-des-Bois.

30 septembre 1983. Déclaration à la sous-préfecture de Palaiseau. Association Hannibal. Objet : préparation et réalisation de l'opération Hannibal consistant à reproduire la traversée des Alpes avec des éléphants dans les conditions et selon l'itinéraire qui furent ceux d'Hannibal. Siège social : 4, square Roger-Salengro, 91300 Massy.

3 octobre 1983. Déclaration à la sous-préfecture de Palaiseau Institut de recherche, de formation et de créations culturelle sociales audiovisuelles (Frasse). Objet : susciter des vocation œuvres dans toutes les disciplines culturelles et socimoyens d'expression et de communication audiovisu-Moulin de l'Abbaye, 91190 Gif-sur-Yvette.

3 octobre 1983. Déclaration à la L'association Section des sous-of^e officiers retraités du dépa^{rt} qui devient: Union dér (U.D.S.O.R. - Essonpr' 91640 Briis-sous-^r

29 septembre 1983. Déclaration à la sous-préfecture de Palaiseau. Association pour la promotion des études du comportement dynamique des matériaux et applications. Objet : créer des liens entre les scientifiques concernés par l'étude des comportements dynamiques des matériaux en vue de favoriser des échanges d'informations à caractère scientifique et technique ; organiser toute manifestation pouvant promouvoir ces échanges d'informations. Siège social · 147, rue Marceau, 91120 Palaiseau.



While waiting for the first General Assembly, temporary Governing Board constituted by the **7 founder members**.

Fernand VIAL	: President
Michel STELLY	: Treasurer
Yves REMILLIEUX	: Secretary

Official address of the Association : 147 Rue Marceau, 91120 Palaiseau ©

In practice, the mail address was ETCA Arcueil

Note that, in the statutes, it is specified that the duration of the Association is unlimited !!



Aim of the Association :

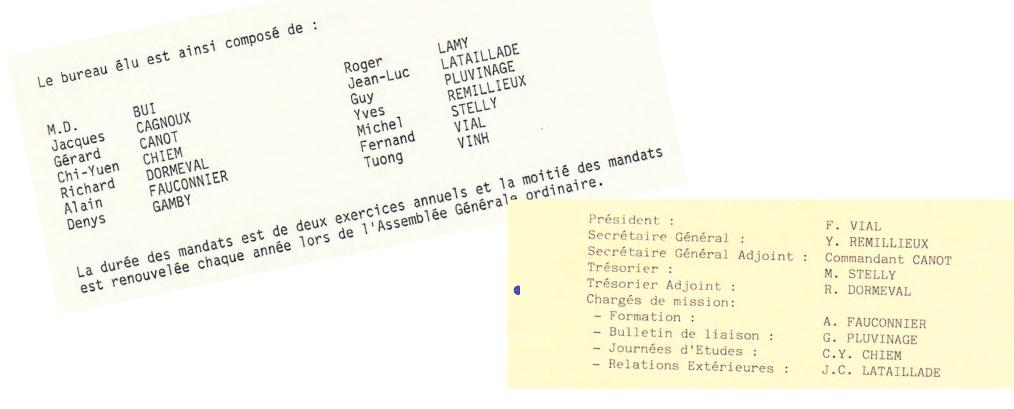
- to bring together engineers and scientists who are working in the field of the mechanical properties of materials at high rates of strain
- to **promote** the scientific exchanges between researchers
- to organize scientific events or to support the organization of scientific events
- to support **students and education**



The following step was the organization of a General Assembly.

It will be done with the opportunity of a visit in France of Professors Duffy and Symonds, from Brown University. A meeting took place in ETCA, on **April 84**.

At that moment, DYMAT numbered approximately 50 members, who elected the 14 members of the **Governing Board**





April 84, DYMAT was ready to prepare it's first International Conference! But all was to be made !!!

- To decide on the location
- To decide on the date, taking into account the other Conferences like Explomet and APS Shock Waves in USA, and Oxford in GB
- To find money
- To constitute the Selection Committee and International Committee
- To prepare an industrial exhibition
- To establish a mailing list and to send the announcements
- To choose social events
- To define the size of the Conference :

A single oral session and one or two poster sessions Proceedings available at the opening of the Conference Simultaneous translation, obligatory in France

→ 1,5 year very intensive (without computer, web and e-mails)



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The 1st International Conference

DYMAT 85 was a success :

- > 220 attendees coming from 15 countries
- > most of the famous international labs were present
- > 45 oral communications, 60 posters
- fruitful scientific exchanges and discussions
- ➤ a memorable official diner on a river boat ☺







very positive results which encouraged DYMAT to go on with an other congress, Ajaccio (1988), Strasbourg (1991)



ETCA largely contributed to the success of DYMAT 85!

Thanks to **Yves Rémilleux** who placed at the disposal of DYMAT the meeting rooms at ETCA *(and during a long time, almost until 2003!)*, and particularly, the Department of Communication, headed by **Philippe Podevin**.





Specially grateful to Philippe who took in charge the secretariat of the Conference, the mailing, the communication, and the whole practical organization (rooms booking, lunches, social events,). Philippe played the central role for the organization of the 3 first congress in France, and he continued punctually till the conference of Krakow (2000)



International Conferences



Ajaccio confirms the success of DYMAT 85, with 260 participants!

Attendees appreciated the scientific level of the congress, but also the overall organization.....! ③



And everyday the local newspapers mentioned the conference !



CONGRÈS INTERNATIONAL « DYMAT »

Ingénieurs et chercheurs français et étrangers à Ajaccio

Créée en 1983 par des ingélant dans le meme domaine associai orgaté des

ous le déléganement. léfense, la techštrangèablissequi leur orté leur

le com-

N.O.R



Innénieurs chercheurs et universitaires de vingt nationalités sont réunis depuis hier à Ajaccio, à l'occasion du deuxième potation Dymat. (Photo Pierre-Do Natali)

CONGRÈS « DYMAT » : LES TRAVAUX SE POURSUIVENT

échelle microscopique. Le préident Yves Remillieux : « Cette nnée, un nouveau thème a été ntroduit : les modifications tructurales des matériaux sounis aux ondes de choc créées ar les faisceaux à hautes éneries (particules et lasers), les xplosifs et autres moyens ». La journée d'hier a été consacrée à la « caractérisation et relations entre microstructure et comportement mécanique ». Celle d'aujourd'hui sera réservée à la « rupture dynamique ». Clôture vendredi midi.

André CARCOPINO.





Américains, Chinois, Russes et Européens "planchent" sur le choc des matériaux...

chocs, à l'explosif ou au laser, principalement. Ces travaux expéri-TRSS, toute mentaux font l'objet de multiples communications avec ensuite des applications dans des domaines qui vent alors concernation si bien Ajaccio QUAND PLANCHENT MATERIAUX : QUAND PLANCHENT LES SPECIALISTES éfense

teurs uotinde

nations - dont la

nde , les Etats-

+ vingt

le Provence

M. Yves Remillieux (au centre) a ouvert hier matin les travaux du deuxième congrès de l'association DYMAT dont il est le président. A ses côtés, MM Philippe Podevin, secrétaire du congrès et Marc Bousseau, de la direction des Recherches, Etudes et Techni-

ues. Photos Jo PERALDI

inéficient du soutien et

d'Amérique ou de Russie pour ne 1- le Dé- voir qu'une salle de congrès et un AL 11

> nière journée très ont été recus las le saville

Demain après-midi, une balade en mer jusqu'aux îles Sanguinaires permettra à ces Asiatiques, Américains , Anglais, Polonais, Allemands . Italiens et Suisses de découvrir l'un des plus beaux golfes du monde.

Enfin jeudi soir, un dîner de gala donné dans les salons de l'hôtel. mpo dell Oro réunira l'ensemble gressistes et leurs invités.

> x s'achèveront venles dernières ivies d'une

> > S.F.

Séance de travail non-stop, hier, salle des congrès à Ajaccio, pour 220 universitaires et ingénieurs venus de quatre continents pour étudier le comportement des matériaux sour photo Jo Peraldi Photo Jo Peraldi Photo Jo Peraldi

European Association

Strasbourg (1991) kept a similar type of organization, moreover it marks the **opening to Europe**.



The transition from a French Association to a European Association needed a long time, many meetings, hard discussions and high energy!

After Ajaccio, DYMAT Association was well known, but the relations with foreign laboratories had to be improved in order to build a well structured network.

- On May 89, M. Stelly (President), Y. Remillieux and JL Lataillade met our English colleagues from Oxford (Prof. Harding and Ruiz) and Cambridge (Prof. Field). Result rather positive, they are interested by the French proposal about a European Association.
- On December 89, during the General Assembly in Bordeaux, J. Harding and J. Miles are elected as UK representatives in the Board, also JF Kalthoff and HD Kunze as German representatives. G. Vignolo (Oto Melara) is the first Italian Board member.

There is the beginning of Board meetings in English, with sometimes funny and strange discussions! We had great merit to understand the debates! ⁽²⁾



International Conferences

New statutes are written, with European dispositions.

They are accepted by the Extraordinary General Assembly, during the Strasbourg International Conference.

However, DYMAT remains an Association governed by the French law. During the GA, Prof. Kalthoff read a statement confirming his disapproval. German members leave the Board.

New German representatives are elected, A. Stilp (EMI) and K. Hoog (ISL).

John Harding is elected as President of EURODYMAT

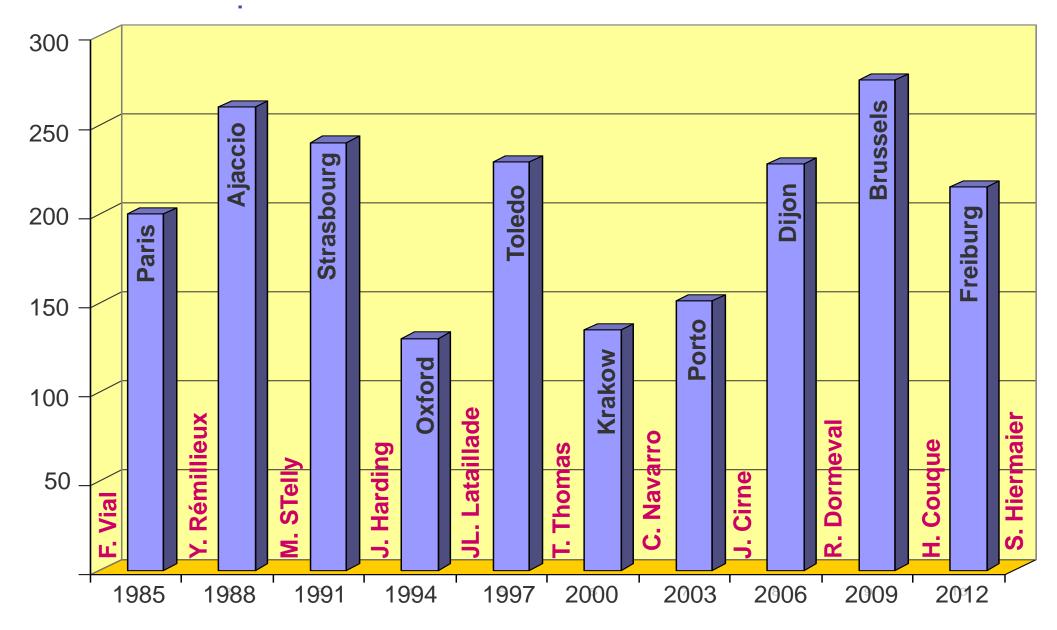




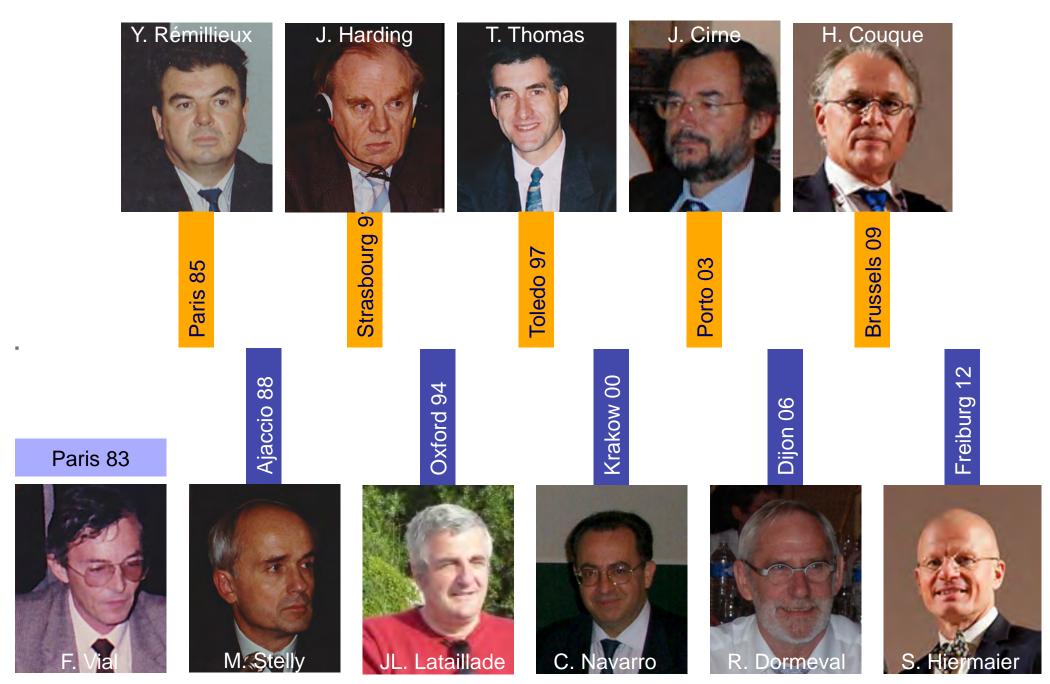




International Conferences









Oxford : The first EURODYMAT Conference



EURODYMAT 94 was a congress of transition.

- Mixing DYMAT Conferences with the Oxford Conferences held in 1974, 1979, 1984 and 1989
- Adaptation of the length and timing of the Oxford Conference with the DYMAT tradition
- J. Harding's request for a not too large attendance
- However, due to these changes, the Proceedings have been exceptionally published after the Conference



EURODYMAT 97 is the first conference showing the European nature of DYMAT :

- a local Organizing Committee, chaired by Carlos Navarro,
- a Selection Committee : Board + members of the International Committee
- under the initiative and the responsibility of DYMAT,

This type of organizing structure will be kept till now



EURODYMAT 2000

- the simultaneous translation is stopped!
- for the first time, DYMAT delivers 2 "**Thesis awards**" for the best original scientific Phd contributions, James Shih (USA) and C. Denoual (F).











After a fall in Krakow due to the economic context at that time, the attendance increases at Porto (20th anniversary of DYMAT) and after, reaches again usual level, between 200 and 250 attendees, with a record of 275 participants at Brussels.





DYMAT 2009 was the first DYMAT Conference to deliver the "John Rinehart's Award".

The recipients were :

- Professor John E. Field (Univ. of Cambridge-UK)
- Professor Marc A. Meyers (Univ. of California SD USA)



DYMAT 2012

"John Rinehart's Award" delivered to :

Professor Alain Molinari (Univ. of Metz – F)

There were **two publication options** for the 10th International DYMAT Conference:

as Proceedings Publications

 as Peer Reviewed Papers in an issue of "European Physical Journal - Special Topics" (EPJ-ST), entitled "Characterization, Modeling and Simulation of Materials at High Strain Rates".

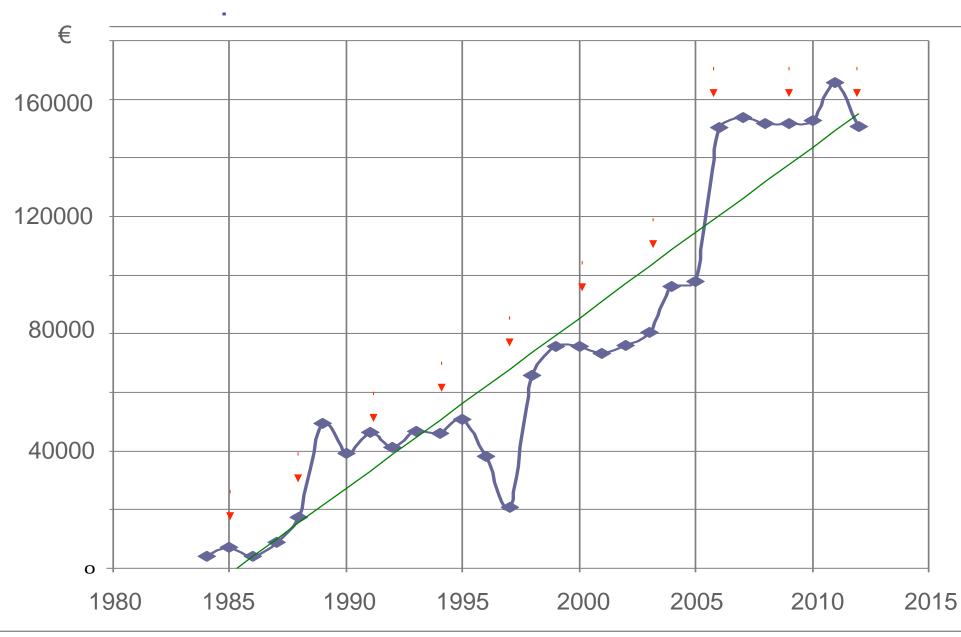














Technical Meetings

[☺] On the idea of the first seminar which took place in ETCA on 1984, it was decided to organize each year a **Technical Meeting**, excepted the year of the International Conference

- > 1,5 or 2 days meeting
- focussed on specific topics

The **2nd Technical Meeting was in Nantes**, in 1986, chaired by Chi Yuen Chiem. Then Poitiers followed (end 1986), and Metz (87), Bordeaux (89)

Since 1983, **20 Technical Meetings** took place in various European towns.

Still successful, gathering between 50 and 70 participants.



- 1 1984 Arcueil, France
- 2 1986 Nantes, France
- 3 1986 Poitiers, France
- 4 1987 Metz, France
- 5 1989 Bordeaux, France
- 6 1990 Gramat, France
- 7 1992 Saint-Louis, France
- 8 1993 Ispra, Italy
- 9 1995 München, Germany
- 10 1996 Saint-Jean-de-Luz, France

- 11 1998 Dijon, France
- 12 1999 Coimbra, Portugal
- 13 2001 Saint-Jean-de-Luz, France
- 14 2002 Sevilla, Spain
- 15 2004 Metz, France
- 16 2005 Brussels, Belgium
- 17 2007 Cambridge, United Kingdom
- 18 2008 Bourges, France
- 19 2010 Strasbourg, France
- 20 2011 Paris, France
- 21th Technical Meeting: November, London (UK)

High speed imaging for dynamic testing of materials and structures





Students and Training Courses

One of the objectives of DYMAT is to do a special effort for students :

- specific courses in university, included in academic programs (*not successful*)
- help to students to find training periods or labs for PhD research
- large discounts when attending DYMAT international conferences or TM

Thesis awards

- proposed by JL Lataillade (President), in 1996
- delivered during the International Conference, for an original and high scientific level contribution (PhD thesis) in the field of dynamic behavior of materials
- procedure and call for candidates (**JM Diani**) on April 97 : to late for Toledo!!
- the first "Thesis awards" will be delivered during DYMAT 2000 :
 - DYMAT 2000/Krakow : James SHIH (USA) and Christophe DENOUAL (France)
 - DYMAT 2003/Porto : Angel ARIAS (Spain) and Jean-Lin DEQUIEDT (France)
 - DYMAT 2006/Dijon : Nuno PEIXINHO (Portugal)



Student Camps

- > to the initiative of **Philippe Viot** (2009)
- the overall aim is to encourage research students to make exchanges about their work
- there will be three senior invited speakers.
- > a three day meeting, biennial event

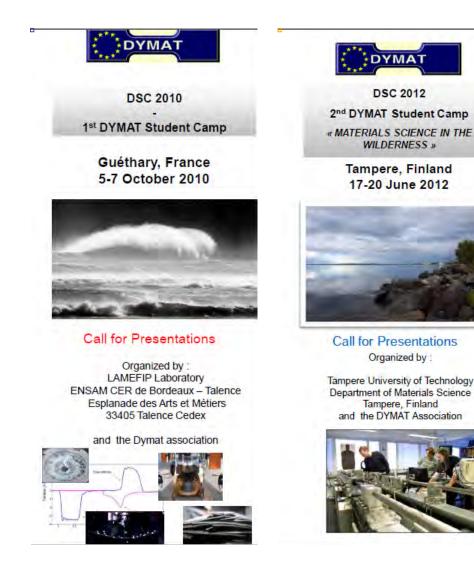
1st Student Camp

Oct 2010, Guéthary (France) **Philippe Viot**

2nd Student Camp

June 2012, Tampere (Finland) V-T. Kuokkala

3rd Student Camp?





Training Courses

M10 Course (1987)

- organized by DYMAT within the EUROSAE advanced training scheme,
- aims at offering general information in the dynamic behavior of materials

Dynamic plasticity, damage and fracture Rupture mechanics Experimental methods

- Modelling
- still in the list of EUROSAE, named GEM 010 course (**B. Vivien**), <u>www.eurosae.com</u>

Constitutive relations of materials under impact loading (2012)

- organized by the International Centre of Mechanical Sciences (CSIM)
- coordinated by **T. Lodygowski** and **A. Rusinek**
- 5 days duration (July, 2012), Udine, Italy



Other Activities

Subgroups

Several working groups were constituted with the aim of studying narrower scope of research topics, included into the global field of the dynamic behaviour of materials.

The "Light-Weight Armour Group" (LWAG), to study all modern body and vehicle armour, mainly focussed on light-weight metals, metal matrix composites, ceramic matrix composites (Bradley Dodd, Erhardt Lach)

The "Security and Transport Group" working on the dynamic behaviour of structures, durability of materials, crashworthiness, biomechanics (Philippe Viot)

The "Industrial Dynamic Processes Group" which organizes workshops on the numerical simulations of dynamic processes related to engineering applications, (Alexis Rusinek, Ramon Zaera)

Seminars and workshops are organized, journals, minutes and reports are published

Financial Support

Since 2007, DYMAT offers to provide **financial support** to scientific events within its topics of interest ⁽²⁾



Relations with other scientific associations

- connected with AFM, member of the board during a long time
- joint annual meeting with Mecamat (MecaDymat Meeting)
- participation to the organization of the French Conference "Matériaux"

DYMAT Official Correspondents (2008)

- goal : strengthening and enlarging links with other countries active in the field of the dynamic behaviour of materials, inside and outside Europe,
- decided to set up a network of DYMAT Official Correspondents
- role : promotion of DYMAT Association in his country



Publications

European Journal

- March 92 : first approach for the publishing of a **scientific review** (**Michel Stelly**)
- Scientific papers + DYMAT News
- First issue : July 1994
- The publication stopped because the few number of subscribers

Standardization and Recommendations

- Several but unfruitful contacts with Standardization Institutes (AFNOR, BSN, ...), with the goal of defining standards for dynamic experimental testing
- Decision to publish "Recommendations" :
- Plate impact testsHopkinson compression testsTaylor testExpanding ring tests

Glossary

• 1990 - French - English - German Glossary, written by **A. Lichtenberger**



DYMAT News

DYMAT Nouvelles n° 1 ® DYMAT News n°37 March 1985 ® December 2009 irregular but non stopped issues



YMAT



EDITORIAL

Better late than never : happy 1999 to all of you ! In this issue, the greetings from our President, the minutes of the latest Dynat General Assembly, a message from Bradley Dodd about a Dynat forum, a description of the CEA by Richard Dormeval and Gilles Naulin, then recent thesis and forthcoming conferences, and the call for membership fees. Finally, let everyone know that the Dynat Newsletters are now archived on the Dynat website (www.etca.fr/dynat), and please think of sending your contributions (thesis, announcements, short articles...) to : resseguier@lcd.ensma.fr Meas vant tard que jamais : honne amos 1990 à tins 1 Dans ce numéro, les væra de note Président, un compte-rendu de la dernite Assemblé Grénele Dranat, un message de Bradley Dodd sur un forum Dynat, une présentation du CEA par Richard Dornevol et Gilles Naulin, puis les labituelles thèses et annouces de congres, et l'appel à cottations. Eufin, suchez que les Danat Newsletters sout maintenant archives sur le sile Internet Danat (www.etca.fr/dynat), et pense; à envoyer vos contributions (thèses récentes, annouess, informations diverses...)

SOME WORDS FROM THE PRESIDENT

DYMAT

NEWS

Even though it is rather late, in the name of all the board members I would like to wish you a Jlappy New Year. I hope that DYMAT will continue to grow in influence and members, following attempts to advertise the organisation and to show it as an important potential partner for industries when a dynamic problem occurs in materials or structures.

I would like to ask you to send data on your laboratory or company. Firstly, the data will expand our "competencies catalogue" on our web site: <u>www.eckr.ddvmat</u> (there is a pro forma on the web site to help you). This permits people to contact others within the DVMAT network. Secondly, we would be very interested in receiving data about your publications in the field of dynamic loading, these can be articles, theses or books. This will show the wider audience the large and important contributions made by Dworld Interbers.

Drivis inemees. People interested in publishing a description of their laboratory or company facilities and activities in DY MAT NEWS are invited to send an article to Thibault de Resseguier (resseguier@field.ensma.fr) or to us at EFCA. Please do this as soon as possible. We hope that the next issue of the NEWS will be in September.

A DYMAT FORUM ON THE WEB

Dr. Bradley Dodd starts a bulletin board or forum, so that anyone can ask any question and anyone I would like to thank most sincerely Richard Dorneval, his marvellous team and CEA Valdac for the meticulous organisation for our last annual thematic meeting in Dipa. It was a great success, there were about 90 participants and a very informative and pleasant time was had by all. I would like to remind you that our next thematic meeting is being organised in Coimbru University in Portugal by JoeS Suza. The topic this year is "Impact of composite materials", There is no doubt that it will be a successful meeting. With this issue of DYMAT INEWS you will find the first amount CPUMAT NEWS you will find is being organised by SI2M in TOURS on belaff of FEMS. DYMAT is participating in its organisation and will chair a session on of FEMS. DYMAT is successful and the successful under dynamic quotions and failure of materials und applications", fit is good charec for DYMAT to advertise its acyt good charec for DYMAT to advertise its acyt and therefore there is no chance of a clash.

> Prof. Thierry Thomas Centre technique d'Arcueil.

can answer ! He needs the e-mail addresses of all members to advertise that new facility. Please send yours to : bdodd@adtek.u-net.com.





Website

- 1997 JM Diani First presentation of DYMAT on ETCA website, <u>www.etca.fr/DYMAT</u>
- 1998 B. Dodd takes in charge the creation of a mail address : <u>dymat@etca.fr</u>
- Then, joint efforts Bradley Dodd and Michel Epinette (ETCA), development of a DYMAT website <u>www.dymat.org</u>, and a new mail address <u>enquiries@dymat.org</u> (Brad!)
- Middle 2000, M. Epinette leaves : difficulties for updating the website!
- 2006 New but incomplete version of the website, which will be modified and updated by **Gunther Dyckmans** for DYMAT 2009
- G. Dyckmans leaves and Stefan Hiermaier produces the current website. 😊





1983 - 20??

