

2008 TRB Meeting Notes – Washington DC

AFD40(1) Accelerated Pavement Testing International Conferences “3rd International Conference – Madrid Spain”

Wednesday, January 16, 2008
10:15 am to 12:00 pm, Marriott

1. Introductions

2. Review Agenda for the Meeting

3. Technical Advisory Committee

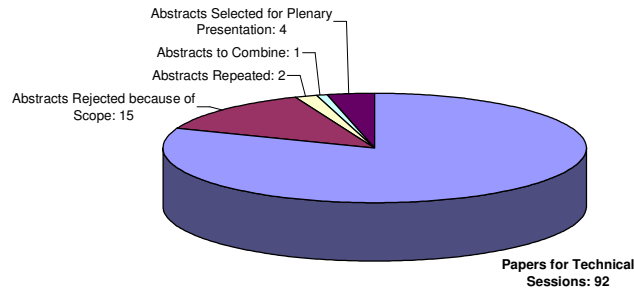
The Technical Advisory Committee is finally composed of 31 members, 10 from Europe, 10 from the USA and 11 from non USA or European countries.



<i>Who</i>	<i>What</i>
Angel Mateos	Update Stefan Romanoschi contact information on the web site and the brochure to reflect his change of employer.

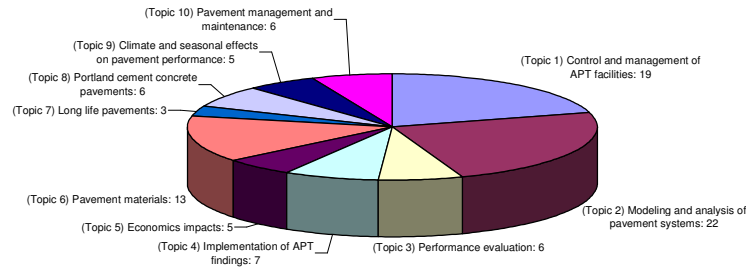
4. Received Abstracts

114 abstracts were received, and 92 of them have been preselected for possible papers for the conference. Note we assumed that 20% of the papers will not be written and will not be available for the conference bringing the total number to ~74 papers (92*80%). An important margin still remains, since the number of technical presentations is 54.



114 Abstracts Presented

Abstracts have been classified into topics to help the organizers group them together in the individual sessions. Papers will be equally sent to all reviewers, independent of the topic. The reviewers will be responsible to comment if they are not able to review paper due to technical content or if they have any conflict of interest with the subject.



Papers for Technical Sessions: 92

The number of papers to be reviewed by each TAC member would be quite large; assuming four reviews per paper (ask for four but at a minimum get three). If only the 31 TAC members were used to review the 74 papers each would review over 9.5 papers each as show below. This may be too much to ask each of them, a better number might be a maximum of 5 papers each. We agreed having other people volunteered for the review process; e.g. members of AFD40 and AFD80 (Strength and Deformation Committee) to reduce the amount of reviews by each person.

$$74 \text{ papers} \times 4 \frac{\text{reviews}}{\text{paper}} = 296 \text{ reviews} \rightarrow \div 31 \text{ TAC members} \rightarrow$$

$$\rightarrow 9.5 \frac{\text{reviews}}{\text{TAC member}}$$

The final goal is having a balanced programme with quality papers addressing the appropriate topics. Late papers can be also rejected when the corresponding topic is complete. It was agreed that we should wait to see the actual number of papers. It was also agreed that we should be very demanding in the review process to insure quality over quantity. Finally, it was stated that in any case, if we have more papers than actual time, we could have a poster session for a specific topic that might lend itself well to this form of presentation.



<i>Who?</i>	<i>What?</i>	<i>When?</i>
Bouzid Choubane	✓ Send AFD40 members who volunteer for the review process	by January 31
Cheryl Richter	✓ Send AFD80 members who volunteer for the review process	by January 31
Group	✓ Collect names of other qualified people interested in helping	by January 31

5. Keynote Sessions and Main Speakers

Conference Opening

Four institutions will be represented in the Conference Opening and it was agreed that the Conference Opening should be chaired by Bouzid Choubane.

Representing	Speaker	
FEHRL	Claude Van Rooten	FEHRL President
TRB	Robert Skinner – Executive Director or Mark Norman - Director of Technical Activities	Stephan Maurer (TRB) will be requesting the speaker and report back to the planning committee.
Ministry for Publics Works of Spain	Francisco Criado	General Roads Director
CEDEX	Angel Aparicio	General Director of CEDEX

Keynote Sessions

A one hour and a half Keynote Session has been set up, with three lectures related to the Theme of the Conference "Impacts and Benefits from APT Programs".

Representing	Time	Speaker	
Public Sector	30 min.	Francisco Criado	Ministry for Publics Works of Spain
APT field	30 min.	John Harvey	University of California
Industry	30 min.	Egbert Beuving	European Asphalt Pavement Association

A paper should be prepared for each one of the three Keynote Lectures in order to be included in the APT'08 deliverables. The review process will not apply in this case, so papers do not have to be ready by February 29, but they will be welcomed as soon as possible.

Conference Synthesis

This will be a 30 minutes summary of the main aspects or results of the Conference. A written summary of the Conference Synthesis would be expected. To accomplish/help the person in charge of this activity the reviewers can provide input along with the session chairs (this needs to be developed more). Several possibilities were pointed out for the format of the Conference Synthesis but a final format was not agreed on at this time. Imad Al-Qadi and Jorge Prozzi will lead this synthesis.

View Ahead

Where do we come from and where are we going? Andrew Dawson will be leading this effort. A written summary of the Conference Synthesis would be expected.



Who?	What?	When?
Ben Worel	✓ Contact the participating states to update them on the current funding and request their intentions for the Madrid Conference.	Feb 1st

6. Plenary sessions

Several Papers have been extracted from the submitted abstracts; those concerning outputs and activities from cooperative organizations. Besides, other papers have been extracted concerning general outputs from facilities of special interest.

Plenary Session 1

Cooperative Organization	Time	Speaker	Paper
CAPT	30 min.	Ben Worel Nelson Gibson	CAPT will develop a summary paper on their efforts – 3 papers are being developed for the general session
COST 347	30 min.	Gregers Hildebrand Andrew Dawson	ALT in Europe Following COST 347
HVSIA	30 min.	John Harvey	Developing international collaborative efforts in APT - the HVSIA experience

Plenary Session 2

Institution	Time	Speaker	Paper
CEDEX-LCPC	30 min.	Angel Mateos Jean-Maurice Balay	Implementation of APT facilities in developing countries
Federal University of Rio Grande do Sul	30 min.	Washington Peres	Twelve years of accelerated pavement testing in Southern Brazil; challenges, achievements and lessons learned
Research Institute of Highway Ministry of Communications (China)	30 min.	Meng Shutao	The applications and impact of Accelerated Loading Facility in China

7. Open Forum

We agreed the Open Forum should have an open format, where different topics could be discussed, especially those concerning the Conference main theme. Imad Al-Qadi was proposed by the Committee and approved to chair this session. The committee also discussed how to develop the topics for this forum, which included use of suggestion box system or develop an email address for the chair to pull topics from. This will be further developed by Imad.



Who?	What?	When?
Imad Al-Qadi	✓ Define the format of the Open Forum as should be presented in the final program	by April 1

8. Workshops

The idea of organizing the workshops emerged as a possibility for the APT community to learn more from each other and also to transfer knowledge to other engineers and technicians from outside the APT world. That would be also an efficient way to attract more people to the Conference.

It was agreed that the workshops could be held as open discussions, not necessarily in a formal format. Several workshops have been decided, which include.

Workshop Topic	Lead	Focus
Introduction to Accelerated Pavement Testing	Angel Mateos (CEDEX)	(2 hours – before lunch) Provide an overview of the APT testing for Spanish and English speakers off a common presentation. This may run with translators or in separate rooms. Note an existing presentation already exists that could be reviewed and updated as needed.
Introduction to Accelerated Pavement Testing	Nick Coetzee (Dynatest)	
Accelerated Pavement Testing for Airport Pavements and its Impact on Pavement Design for New Generation Aircraft	Navneet Garg (FAA)	(2 hours before lunch) to be run <u>concurrently</u> with the introduction to APT testing The research findings from Federal Aviation Administration's (FAA) National Airport Pavement Test Facility (NAPTF) have been accepted by the International Civil Aviation Organization (ICAO) and has resulted in the further development of failure models for use in FAA design procedures. The topics covered in the workshop would include: - Historical background on APT for airport pavements. - Introduction to FAA's National Airport Pavement Test Facility. - Test Pavement Construction and pavement Instrumentation. - Accelerated Pavement Testing. - Implementation of research findings in airport pavement design procedures - New Alpha Factor for six-wheel gears (accepted by ICAO) - New FAA Design Procedures FAARFIELD & Advisory Circular AC 150/5320-6E
Cost-Benefit Analysis	Louw du Plessis (CSIR)	(2 hours before lunch)
Instrumentation	Wynand Steyn (CSIR)	(2 hours after lunch)
Modeling	Imad Al-Qadi (University of Illinois)	(2 hours after lunch)



Who?	What?	When?
Workshops Lead Organizers	✓ Define the format of the Workshops as should be presented in the final program	by April 1

9. Technical Visits

Some rearrangements would be necessary for the program:

- CEDEX Test Track - visit only on Wednesday (facility is outside Madrid).
- Supertrack - visit only on Thursday. This facility is at the same Conference venue and the visit takes only half an hour, but only a limited number of people can tour the facility at a time. This might be a perfect time to hold a parallel Poster Session for groups waiting to visit the Supertrack.

10. Economic Aspects

The fee for the Conference will be 580 € in the early registration and 696 € for the rest.

Fees	
Before June 30th, 2008	580 € (500 € + 16% VAT)
After July 1st, 2008	696 € (600 € + 16% VAT)

The Conference Fee will pay for:

- ✓ Coffees and lunches.
- ✓ The Conference Dinner on Thursday (accompanying people should pay it separately).
- ✓ Technical visits.
- ✓ Workshops.

Travel Funding

Travel expenses (plane, hotel, conference fees, related travel expenses) will be paid for keynote and the main speakers listed in sections 5 and 7 from the conference (handled by CEDEX). The conference fees will also be paid for the chair and co-chairs of this conference (3 people), but the hotel and travel expenses will come from other funding sources.

The International Conference Pooled Fund Study is an additional source of funding to assist participating states to attend the conference. Minnesota DOT is leading this pooled fund and will in contact with the states to update them on the remaining funds and to request the states intentions for their participation in the Madrid Conference. This pooled fund will continue to support the American Co-Chair's (1 person) travel related to both the development of this conference and attendance in the October conference. Link to this pooled fund - <http://www.pooledfund.org/projectdetails.asp?id=298&status=4>.

It was stated that potential vendors should have an official invitation for the Conference, either in the web site or by invitation. The conference organizers will send out information related to this topic. Please contact Angel Mateos or any of the conference organizers if you know of interested vendors.

Action Item	Who?	What?	When?
	Ben Worel	✓ Contact the participating states to update them on the current funding and request their intentions for the Madrid Conference.	Feb 1st
	Angel Mateos	✓ Vendor Invitation	

11. Dissemination

We have to keep on this activity so that we attract as many people as possible to the Conference. The web site: www.cedex.es/apt2008 is being periodically updated (please contact Angel Mateos if you see any error of something to be update on the web site).

A new brochure has been prepared in December 2007. It can be found on the web site, and printed versions can be distributed on request. It was agreed that papers should be posted on the web site before the Conference, as soon as we have the final program set up.

Action Item	Who?	What?	When?
	AFD40 and TAC members	✓ Conference Dissemination	continuously

12. Important Dates

February 29th	Deadline for papers Submission
April	Online registration will be available
May 2nd	Review comments back to authors
June 6th	Submit the final papers

13. Miscellaneous

Some rearrangements will be made to the program to make sure Thursday dinner does not end very late and the Friday's agenda takes this into account (maybe start ½ later).

14. Closure