

About This Conference

APT2012 provides a unique forum for participants to address the various aspects and benefits of accelerated pavement testing (APT) from an international perspective. It also provides an opportunity to share knowledge and experiences, to gain insight into needs and upcoming trends for future developments in accelerated pavement testing, and to contribute to mapping the future of APT in pavement engineering and management.

Focusing on accelerated pavement testing, APT2012 will benefit APT facility owners and researchers, prospective facility owners, and road agency and pavement engineering practitioners who use or would like to use APT data for developing improved methods of pavement design.

Sessions

Conference sessions include a keynote presentation, plenary sessions, a facilitated workshop to discuss the role of APT in future federal and state initiatives and how facilities should position themselves to participate in them, and more than a dozen sessions with multiple papers presented in each. The conference will include a welcoming reception on Wednesday and a conference dinner on Thursday.

Papers

Over 60 papers from 18 countries will be presented on a range of topics including: establishment of APT facilities; APT facility reviews; cost-benefit of APT; implementation of APT findings into practice; instrumentation; calibration of mechanistic-empirical performance models; linking APT and LTPP; and project specific investigations including asphalt binder performance, interlayer systems, hot- and warm-mix asphalt, concrete surfacings, cement stabilization, airfield pavements, and seismic bridge-deck joint testing. Awards will be presented for best paper at the conference and best paper by a young professional.

Pre-Conference Workshops

Two pre-conference workshops will be held on Tuesday, September 18, 2012 at the UCPRC APT facility.

- The morning workshop, from 9 am to 12 noon, will cover APT operations experience sharing.
- The afternoon workshop, from 1:30 pm to 4:00 pm, will cover APT instrumentation.

Both pre-conference workshops are free, however advance registration is required as space is limited.

4-Point Bending Beam Conference/Workshop

The 4-Point Bending Beam Conference/Workshop, organized by John Harvey (UC Davis), Jorge Pais (Portugal), and Jorge Sousa (USA), will be held at UC Davis, prior to APT2012 on September 17-18, 2012. For more information, visit: www.civil.uminho.pt/4pb/.

Sponsored by

the Transportation Research Board
and
the Forum of European National
Highway Research Laboratories

Co-hosted by

the University of California
Pavement Research Center
and
the University of Illinois
Illinois Center for Transportation



APT 2012

4th International Conference on Accelerated Pavement Testing

Davis, California, USA
September 19–21, 2012

www.ucprc.ucdavis.edu/APT2012

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Conference Committee

Conference Chairs

- John Harvey, University of California Pavement Research Center
- David Jones, University of California Pavement Research Center
- Imad Al-Qadi, University of Illinois Illinois Center for Transportation
- Angel Mateos, CEDEX, Spain

Steering and Technical Committee

- Nick Burmas, California Department of Transportation
- Nick Coetzee, Dynatest Consulting, Inc.
- Joe Holland, California Department of Transportation
- Jeremy Lea, University of California Pavement Research Center
- Laura Melendy, University of California Institute of Transportation Studies
- Carl Monismith, University of California Pavement Research Center
- Alfredo Rodriguez, California Department of Transportation
- Members and friends of the Transportation Research Board Committee on Full-Scale Accelerated Pavement Testing (AFD40)

Young Professional Committee

APT2012 established its Young Professional Committee, led by Lin Chai, Jeremy Lea, and Arash Rezaei from the University of California Pavement Research Center, to bring together young people interested in exchanging experience and ideas, and to encourage debate on innovative ideas, visions, and the future of APT research. The best paper by a young professional will receive an award.



Location

Located in Northern California's Central Valley, Davis is a university-oriented city of 60,000, and is noted for its small-town style, dedication to energy conservation and environmental programs, abundant trees, parks, red double-decker London buses, and bicycles. The city has a pedestrian and bicycle friendly downtown, with many diverse restaurants. In September, attendees will likely be greeted with moderately warm temperatures, almost no chance of rain, and low humidity. Conference sessions will be held in the UC Davis conference center and the workshops at the University of California Pavement Research Center where the accelerated pavement testing facility is housed.

For attendees planning on weekend sightseeing before or after the conference, Davis is within one to three hours of Yosemite, Lake Tahoe, the San Francisco Bay Area, and the Napa/Sonoma and Sierra foothill wine routes.

Getting to the Conference

Davis is just 20 miles from Sacramento Airport (SMF), with over 150 daily arrivals from cities around North America, including several non-stop flights to all major hubs. For international visitors, San Francisco Airport (SFO) can be reached by non-stop flights from Europe and the Far East, with a short connection or 75 minute drive to Sacramento. Davis can also be reached from the San Francisco area by BART/Amtrak train or shuttle.

Registration

Conference registration and hotel accommodation details will be posted on the APT2012 website in March 2012.

Sponsorship Opportunities

Sponsorships support networking and educational outreach during the conference and are an excellent way to show your support and gain valuable exposure for your organization. For more information on sponsorship opportunities, please contact apt2012@ucdavis.edu.

