



***7th International
Conference on
Concrete
Pavements***

September 9–13, 2001

**Disney's
Coronado Springs Resort
Orlando, Florida**



***Sponsored By:*
International Society for
Concrete Pavements**

Conference Co-Sponsors

American Association of State Highway and Transportation Officials (AASHTO)

American Concrete Pavement Association (ACPA)

Federacion Interamericana Del Cemento (FICEM)

Federal Highway Administration (FHWA)

Florida Concrete Products Association (FCPA)

Florida Department of Transportation (FDOT)

Innovative Pavement Research Foundation (IPRF)

Portland Cement Association (PCA)

PIARC/World Road Association

Purdue University

Transportation Research Board (TRB)

US Army Corps of Engineers





The International Society for Concrete Pavements is pleased to announce that the 7th International Conference on Concrete Pavements will be held in Orlando, Florida, USA, from September 9-13, 2001. This conference will carry on the tradition of the first six international conferences previously organized by Purdue University. As with the previous international conferences, the focus of the seventh conference will be to present information on new technologies related to design, construction, and rehabilitation of various types of concrete pavements. Specifically, the theme of the conference is *The Use of Concrete in Developing Long-Lasting Pavement Solutions for the 21st Century*.

As part of the conference, a day of workshops and technical sessions devoted to *Formulating the Long Range Research Needs for PCC Pavements* is planned. This one-day activity will be coordinated with the Innovative Pavement Research Foundation (IPRF), Federal Highway Administration (FHWA), and the Transportation Research Board (TRB). Also, a strong exhibitor program is planned to showcase new products and services.

Conference Objective

The objective of the conference is to present the latest information on economical and practical aspects of hydraulic cement concrete pavement design, construction, materials, maintenance, performance, evaluation, and structural rehabilitation, which are essential for achieving high-performance concrete pavements.

Scope

This conference is targeted at pavement, materials, and geotechnical engineering professionals who are involved in various aspects of concrete pavement design, construction, testing and evaluation, and rehabilitation. These professionals include federal, state, and municipal engineers; consulting engineers; contractors; materials suppliers; and academia.

The conference program will consist of presentations and discussions on new developments related to concrete pavement technology. Implementable products and techniques that result in long-lasting new and rehabilitated concrete pavements, and the use of concrete to rehabilitate other types of pavements, will be the emphasis of this conference.

Who Should Attend?

Engineers from industry and government (federal, state, county, and municipal), consulting engineers, contractors, researchers, producers, and others who are concerned with high performance pavements for roads, streets, airports, and industrial uses should attend. In the past, nearly 50 percent of the participants of this conference have been from outside the United States. From early responses it appears that a very strong interest continues from every continent.



Technical Program

Sunday, September 9

Theoretical Workshop (Afternoon Session)

1. Analysis of Concrete Pavement Response Due to Traffic Loading
2. Analysis of Concrete Pavement Response Due to Environmental Loadings

Additional Workshops (Afternoon Sessions)

Monday, September 10

IPRF/FHWA-Sponsored Workshop on PCC Pavement Research and Development

Tuesday and Wednesday (September 11 and 12)

Plenary Session

Three concurrent sessions per time period.

- Distress Prediction Models
- Load Transfer at Joints and Cracks
- Concrete Pavement Design
- Pavement Performance and Testing
- PCC Pavement Practice - Regional and National Experiences
- Concrete Paving Materials - Concrete, Bases, Joint Sealant, Curing (two sessions)
- PCC Pavement Construction (two sessions)
- Whitetopping - Design, Construction, and Rehabilitation (two sessions)
- Prestressed and Precast Pavements
- RCC, Block Pavements, and Industrial Applications
- CRCP
- Bonded Concrete Overlays
- High-Performance Concrete Pavements
- Pavement Rehabilitation
- Airport Concrete Pavements

Closing Session and Awards Presentation

Thursday, September 13

Tech Tour (visits to local construction projects if on-going at conference time)

NASA – Kennedy Space Center at Cape Canaveral

The above technical program is based on abstracts selected. Final program will be developed after review of submitted papers.

Technical Program Schedule

Sunday, September 9

- 10:00 a.m.** ISCP Board Meeting
- 11:00 a.m.** ISCP Annual Meeting
- Noon** Registration
- 1:00 p.m.** Workshops
- 1:00 p.m.** Exhibit Set-up
- 2:45 p.m.** Workshop Break
- 6:30 p.m.** ISCP Reception and Grand Opening of Exhibits

Monday, September 10

- 7:00 a.m.** Registration and Continental Breakfast, Exhibit Area
- 8:00 a.m.** PCCP R&D Needs Meeting – General Session
- 9:45 a.m.** Break
- 10:15 a.m.** PCCP R&D Needs Meet – Three breakouts
- Noon** Lunch-ISCP Exhibit Area
- 1:00 p.m.** PCCP R&D Needs Meet – Three breakouts
- 2:45 p.m.** Break
- 3:15 p.m.** PCCP R&D Needs Meet – Three breakouts
- 6:30 p.m.** ISCP Gala Dinner and Entertainment

Tuesday, September 11

- 7:00 a.m.** Registration and Continental Breakfast, Exhibit Area
- 8:00 a.m.** Plenary Session
- 9:45 a.m.** Break
- 10:15 a.m.** Technical Sessions 1, 2, and 3, breakouts
- Noon** Lunch-ISCP Exhibit Area
- 1:00 p.m.** Technical Sessions 4, 5, and 6, breakouts
- 2:45 p.m.** Break
- 3:15 p.m.** Technical Sessions 7, 8, and 9, breakouts
- 6:00 p.m.** Dinner - ISCP Board – old and new

Wednesday, September 12

- 7:00 a.m.** Registration and Continental Breakfast in Foyer
- 8:00 a.m.** Three Breakout Technical Sessions 10, 11, and 12, Breakouts
- 9:45 a.m.** Break
- 10:15 a.m.** Technical Sessions 13, 14, 15, breakouts
- Noon** Lunch-ISCP Exhibit Area
- 1:00 p.m.** Technical Sessions 16, 17, 18, breakouts
- 2:45 p.m.** Break
- 3:15 p.m.** Closing Session and Awards Presentation
- 5:00 p.m.** Conference End

Thursday, September 13

- 8:00 a.m.** Technical Tours/ NASA Cape Canaveral Trip
- Noon** Box Lunch
- 5:00 p.m.** Return to Hotel



Proceedings

A total of about 80 papers will be presented. Also, it is expected that another 20 papers will be selected for publication only. Papers have been received from seventeen countries (Argentina, Australia, Belgium, Brazil, Canada, France, Germany, Italy, Japan, Mexico, The Netherlands, South Africa, Sweden, Sweden, Taiwan, UK, and USA). Both paper copies and a CD will be distributed to each registrant at the conference.

General Information

Registration Fee

\$500 - Advance Conference Registration – by May 1, 2001; Registration includes luncheons, receptions, banquet, field tours, proceedings, session attendance, and 2001 ISCP membership (a \$50 value).

\$600 - Conference Registration after May 1, 2001; Registration includes luncheons, receptions, banquet, field tours, proceedings, session attendance, and 2001 ISCP membership (a \$50 value).

\$250 - Student Registration; Registration includes luncheons, receptions, banquet, field tours, proceedings, attendance, and 2001 ISCP membership (a \$25 value).

\$100 - Spouse Program; Registration includes reception Sunday, September 9, 2001, gala dinner Tuesday, September 11, 2001, breakfast and lunches in the exhibit area, and hospitality suite.

Notes

1. Year 2001 ISCP members (Year 2001 membership fee already paid), a \$50 discount (\$25 for students) will be available.
2. One author is required to register in advance for each paper accepted for presentation. Otherwise the paper will not be included in the final program.

Refunds

Requests for refunds must be received by July 1, 2001. A \$50 processing fee will be retained. Purdue University is not responsible for costs incurred due to cancellation.





Exhibits

Exhibits will be on display from 5 p.m. on Sunday, September 9, 2001, and various times throughout the conference until 2 p.m. on Tuesday, September 11, 2001.

Official Language

The official language of the conference will be English. Arrangements may be made to provide English to Spanish simultaneous translation, however, this is not confirmed at this time.



Travel Information

Airport Information

Orlando International Airport is a multi-level terminal with ground transportation services on level one, baggage claim/arrivals on level two, ticketing/departures on level three. Airport services include a business center, currency exchange, and restaurants.

Mears Transportation

You're arriving by plane? Good choice. Mears Airport Shuttle is available from Orlando International Airport right to your Walt Disney World® Resort Hotel. Shuttle tickets may be purchased at the time of boarding. To return to the airport, you can board the shuttle at the entrance to every Walt Disney World® Resort hotel. Make reservations 24 hours in advance and allow a minimum of two hours before flight time. Call 407/423-5566.



Conference Hotel

The conference will be held at Disney's Coronado Springs, Disney's largest convention hotel, located in the heart of the Walt Disney World® Resort. The Coronado has 1,967 guestrooms and suites and is handicapped equipped. The facility boasts recreational facilities, which include a fitness center, sand volleyball court, and five swimming pools. Tennis is offered at nearby Disney's Wide World of Sports complex and golf is available at five championship courses.

Hotel reservations for the conference should be made by contacting the Disney's Coronado Springs hotel directly at 407/939-1020. A block of rooms has been reserved until August 9 of 2001, for the attendees of the 7th International Conference on Concrete Pavements. When making your reservations, let the reservation clerk know you are attending this conference. Reservations need to be made as soon as possible, as only a limited number of rooms have been reserved. You will need to secure your reservation with a credit card.



Single/Double Occupancy: \$123 per night
(\$98 per night for US based government agency staff for the nights of September 9-12 only. Any additional nights will be charged the full conference rate of \$123 per night.)

Additional Person (18 years and older):
\$15 per person per night.

Your room rates are subject to applicable sales and resort taxes, currently 11percent.

Subject to availability, you may reserve rooms at your Group Room Rates for the three days prior to Saturday, September 8, 2001, and the three days after Thursday, September 13, 2001.

Check-in time is after 3 p.m. and check-out time is before 11 a.m. Guests arriving before check-in time will be accommodated as rooms become available. The Bell Captain can arrange to check baggage for those arriving early and for guests attending functions on their day of departure.

Attendees will pay their own room, taxes, and incidental charges upon check-out. American Express, The Disney Card, MasterCard, and VISA are currently accepted.

For more information about the Disney Coronado Springs Resort, visit the Disney web site at: www.disney.com

Orlando and Disney

You won't believe your eyes when you see just how much there is to do in Orlando. With more than 90 attractions to choose from, Orlando is one good time after another.

It's common knowledge that Orlando boasts the world's best theme parks. But Orlando is also home to some of the most intriguing and interesting attractions, too. At the Kennedy Space Center Visitor Complex you'll find fun and education for the entire family. Check out the cool indoor and outdoor



space exhibits, like Apollo V and the Space Shuttle. Treat your senses to a stunning I-MAX® 3-D movie. Experience the new Early Space Exploration exhibit, where you'll see real Mercury and Gemini space capsules, space/moon suits, and Mercury Mission Control, complete with the actual consoles and flight board. The Exploration In The New Millennium exhibit will take you on a journey through time and space, beginning with the early Viking explorers' discoveries of Greenland and Iceland, and ending with the Mars Viking Lander. And come face-to-face with an actual astronaut at Astronaut Encounter.

Exciting opportunities await you at Walt Disney World Theme Parks. Experience Epcot, The Magic Kingdom®, Animal Kingdom®, Pleasure Island®, Disney-MGM Studios and Typhoon Lagoon, River Country, and Blizzard Beach. Regularly-scheduled complimentary transportation is available between the Coronado Springs Resort and other WALT DISNEY WORLD® Resort theme park locations.

For more information about the Orlando area, visit their web site at: www.orlando.com. For additional Disney information, go to www.disney.com.



For More Information

For information about conference content, contact:

Shiraz Tayabji at stayabji@ctlgroup.com

Phone: 410/997-0400

FAX: 410/997-8480

For information about registration, contact:

Nona Schaler at njschaler@conf.purdue.edu

Phone: 765/494-2756 or 800/359-2968 ext. 92N

FAX: 765/494-0567



ISCP Executive Officers

President: Robert Betsold, President, Innovative Pavement Research Foundation, Falls Church, Virginia, USA

Vice-President: Shiraz Tayabji, Regional Manager, Construction Technology Laboratories, Inc., Columbia, Maryland, USA

Secretary: Dan Zollinger, Associate Professor, Texas A & M University, College Station, Texas, USA

Treasurer: Ted Neff, President, Peak Management Associates, LLC, St. Charles, Illinois, USA



Conference Steering Committee

Shiraz Tayabji (Chair), Jamshid Armaghani, Bob Betsold, Larry Cole, Mike Darter, Katie Hall, Fred Hejl, Jim Grove, Roger Larson, Ted Neff, Chuck Scholer

Conference Technical Program Subcommittee

Katie Hall (Chair), Chuck Scholer, Mike Darter, Jim Grove, Roger Larson, Mark Snyder, Shiraz Tayabji



Purpose of ISCP

To further engineering and technical education, scientific investigation, and research in all areas related to analysis, design, construction, maintenance, rehabilitation, and management of concrete pavements.

ISCP Membership

Please contact Dan Zollinger (Secretary, ISCP) at d-zollinger@tamu.edu or by phone at: 979/845-9918 for membership information or visit our web site at: <http://iscp.tamu.edu>. ISCP is seeking members to serve on various committees and to actively participate in other activities of the Society. If you are interested in being an active member of ISCP, please contact Shiraz Tayabji (at stayabji@ctlgroup.com or by phone at 410/997-0400) or Dan Zollinger.



Exhibitor Information

Important Dates

- Sunday, September 9, 2001 – 1-5 p.m. Set-up; Exhibit opens 6:30 p.m.
- Monday, September 10, 2001 – Open all day – lunch included
- Tuesday, September 11, 2001 – Open until after lunch; 2-6 p.m. tear-down

Booth Space

Exhibit space includes an 8' high backwall and 3' high side wall; a draped six (6) foot table and one (1) electrical connection (110 volt connection); one 7" x 44" one line ID sign.

Exhibitors are responsible for providing their own extension cords and adapters. Any displays, table setting, or free-standing wider than seven (7) feet require two (2) exhibit spaces.

Exhibit fee is \$1,500 per space and includes one conference registration for one (1) person. Additional representatives are required to pay the full conference registration fee and complete the CONFERENCE REGISTRATION FORM.

Reservations received with full payment by March 31, 2001 are guaranteed space. Exhibit space remaining after this date will be available on a first-come first-served basis.

Refund requests must be received by July 1, 2001. A \$500 processing fee will be retained. Purdue University is not responsible for costs incurred due to cancellation.

For information, contact:

Nona Schaler; Conference Division
Purdue University
1586 Stewart Center, Room 116
West Lafayette IN 47907-1586

Phone: 800/359-2968 ext. 92N (USA only)
or 765/494-2756

FAX: 765/494-0567

E-mail: njschaler@purdue.edu

7th International Conference on Concrete Pavements

Guaranteed Space Deadline, March 31, 2001

Contact Person _____

Title _____

Company Name _____

Address _____

City _____

State (Province) _____

Zip _____

Country _____

Phone _____

FAX _____

E-mail _____

I require auxiliary aids or services due to a disability. Please contact me at the above address.

Our exhibit: (check one)

Is free standing Is free standing with table Requires only a table

Please reserve the following:

_____ Exhibit spaces at \$1,500 each (*includes 1 conference registration*) \$ _____

Additional representatives are required to pay the full Conference Registration fee and complete the Conference Registrtrion Form.

Total Amount Enclosed \$ _____

We agree to abide by the Exhibit Policy of Purdue University (*see information packet for details*).

Signature _____

Date: _____

Payment Method

Check enclosed made payable to **Purdue University** in U.S. dollars.

I am paying with a company purchase order (U.S. organizations only).

PO# _____

Please charge to: VISA MasterCard Discover

Account Number _____

Expiration Date _____

Signature _____

Return with payment to: Business Office, Conferences
Purdue University
1586 Stewart Center, Room 110
West Lafayette, IN 47907-1586

FAX: 765/494-0567

Please join us in
Orlando, Florida at the
**Disney Coronado
Springs Resort**
for the
*7th International
Conference on
Concrete Pavements*
September 9-13, 2001



7th International Conference on Concrete Pavements

Advance Registration Deadline, May 1, 2001

Name _____

Address _____

City _____

State (Province) _____

Zip _____

Country _____

Phone _____

FAX _____

E-mail _____

Company Name _____

Preferred Badge Name _____

I require auxiliary aids or services due to a disability. Please contact me at the above address.

Fees Non-members

\$500, Early Registration (by 5/1/01)

\$600, Registration (after 5/1/01)

\$250, Student Registration

\$100, Spouses Program

\$50, Extra Proceedings

Fees ISCP Members

\$450, Member Early Registration (by 5/1/01)

\$550, Member Registration (after 5/1/01)

\$225, Member Student Registration

\$100, Member Spouses Program

\$50, Member Extra Proceedings

Total Enclosed \$ _____

Payment Method

Check enclosed made payable to Purdue University in U.S. dollars.

I am paying with a company purchase order (U.S. organizations only).

PO# _____

Please charge to: VISA MasterCard Discover

Account Number _____

Expiration Date _____

Signature _____

Return with payment to: Business Office, Conferences
Purdue University
1586 Stewart Center, Room 110
West Lafayette, IN 47907-1586

FAX: 765/494-0567

*Please photocopy this form as needed for additional registrants.
Purdue University is an equal access/equal opportunity university.*

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