

PAVEMENT EVALUATION 2010

October 25-27, 2010

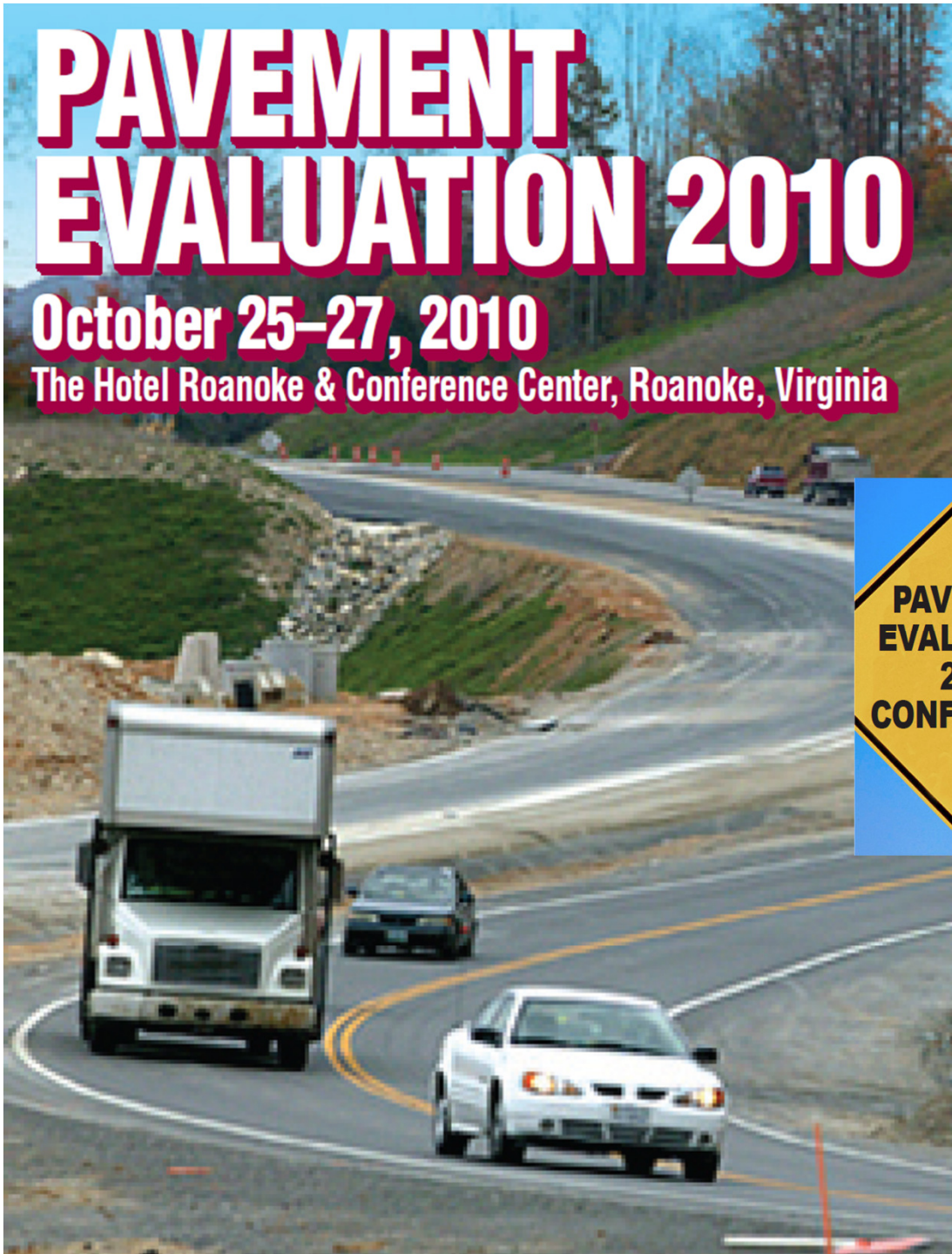
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Closing Remarks

Gerardo W. Flintsch



Virginia Sustainable Pavement
Research Consortium (VA-SPARC)



Pavement Evaluation 2010

- ~ 240 attendees
 - **Excellent Keynote presentations!**
 - 59 invited presentations
 - **13 accepted peer-reviewed papers**
 - 4 sponsors and 13 exhibitors
- ⇒ **Very full but technically excellent agenda**

Pavement Evaluation 2010 (cont.)

- **Excellent support from our state & federal partners**
 - 80+ participants from State DOTs
 - 10+ from FHWA...
- **Great Industry participation**
- **Very interesting international participation**
 - 21 international participants
 - 12 countries

Pavement Evaluation 2010 (cont.)

- **We will like to get your feedback**
 - A web-based evaluation form will be emailed to you today or tomorrow.
 - **Please let us know what you think about PE 2012!**
- **All presentations will be available in the conference website**
- **Accepted papers will also be made available**
 - Those that satisfactory addressed all the reviewer's comments may also be published in some other venue
 - We will contact authors for permission

A Few Highlights

- **Great people!**
- **A good balance of:**
 - **Advanced scientific knowledge**
 - **Practical applications**
 - **Case studies**
 - **Technological advances**
- **Good food and camaraderie**

Thanks to:

- Our supporting organizations and sponsors!



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Thanks to:

- **Kevin McGhee and Trenton Clark**
- **All the Local Organizing Committee**
 - **Affan Habib (VDOT)**
 - **Brian Diefenderfer (VTRC)**
 - **Doyt Bolling (RPUG)**
 - **Edgar de León (VTTI)**
 - **Lorenzo Casanova (FHWA)**
 - **Samer Katicha (VTTI)**
 - **Tanveer Chowdhury (VDOT)**
 - **Steve Valeri**
 - **Chris Tomlinson**
 - **Lijie Tang**
 - **James Bryce**
 - **Shahriar Najafi**
 - **Mohamed Saleh**
 - **Mario Candia**
 - **Crysta Highfield**
 - **Fillippo Giustozzi**
 - **Mohammad Saied Dehghani**
- **Virginia Tech CPE**
 - **Renee Schack**
 - **Mary Hilton**
 - **Dinah Girma**

Thanks to:

Scientific Committee

Chairs

- **Affan Habib** (VDOT, General Pavement Evaluation)
- **Steve Karamihas** (University of Michigan, Functional Evaluation)
- **Rohan Perera** (SME, Structural Analysis)
- **Brian Diefenderfer** (VTRC, GPR)
- **Tanveer Chowdhury** (VDOT, Pavement Management)

Members

- **Abdenour Nazef** (Florida DOT)
- **Amy Simpson** (MACTEC)
- **Brian Schleppi** (Ohio DOT)
- **Charles Holzschuher** (Florida DOT)
- **Charles Larson** (STANTEC)
- **Chris Byrum** (SME)
- **Dave Huft** (South Dakota DOT)
- **Edgardo Block** (Connecticut DOT)
- **Francisco Romero** (Rutgers CAIT)
- **Frank Holt** (Dynatest)
- **George Chang** (Transtec Group)
- **John Andrews** (MDSHA)
- **John Laurent** (Pavemetrics)
- **Ken Maser** (Infrasense))
- **Larry Scofield** (ACPA)
- **Luis Rodriguez** (FHWA)
- **Ma Rui** (Virginia Tech)
- **Matt Strickland** (Mississippi DOT)
- **Michael Scott** (Starodub)
- **Nadarajah Sivaneswaren** (FHWA)
- **Nicolas Gagarin** (Starodub)
- **Paul Donovan** (Illingworth and Rodkin)
- **Paul Fancher** (UMTRI)
- **Rob Rasmussen** (Transtec Group)
- **Robert Parillo** (Geophysical Survey Systems)
- **Robin Tallon** (PSU)
- **Samer Katicha** (VTTI)
- **Thomas Van** (FHWA)
- **Trenton Clark** (VDOT)

Thanks to:

- **All presenters and moderators!**

And Specially

- **To all of you for your participation and contributions!**

Technical take-away...

- **Network Performance & Health Measures are here to stay**
 - **Challenge to define uniform nationwide measures**
 - **Safer Travel**
 - Reduced Travel Time (congestion)
 - Improved Freight Mobility
 - **Healthy Bridges and Pavements**
 - **Sustainable Network**
- **Asset management = performance-based**
 - **Multi-criteria, cross-asset**

Technical take-away... (cont.)

- **Industry has produced incredible technological developments.**
 - **Profiling/ rutting/ faulting**
 - **Distress/ 3D Surface mapping**
 - **GPR**
 - **Continuous laser-based deflections**
- **But we must consider**
 - **History & underlying principles**
 - **Calibration & Verification – Standard Protocols**
 - **Limitations**
 - **Cost-benefits of the different approaches**

Technical take-away... (cont.)

- **Good sound decisions requires good pavement condition data**
 - The quality (and quantity) of the data has a great impact on the quality of the decisions
 - But data is only useful if used as information to support business processes
- **It is important to consider all available information in a coordinated structured way**
 - Processing and Visualization
- **Coordination & knowledge sharing is a must in today's fast-evolving technological environmental**
 - Pooled-fund studies are a good example

Invitations

- **Pavement Evaluation 2014**

- Roanoke, VA - September 2014
- Formal Equipment Rodeo

- **7TH SYMPOSIUM ON PAVEMENT SURFACE CHARACTERISTICS (SURF 2012)**

*Smooth, Safe, Quiet & Sustainable
Travel through Innovative Technologies*

- Norfolk, VA - September 19-22, 2012 (tent.)
- Hosted by AASHTO, FHWA, TRB



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THANK YOU!



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