Papers and Presentations

DAY ONE

Welcome Address
Jhy-Shiou Chen and Myint Lwin

Opening Remarks
Phillip Yen and Lee-Ping Hsu

Moderators: Jhy-Shiou Chen and Phillip Yen

01: New Practices in Bridge Inspection and Maintenance
Myint Lwin
Abstract | Presentation

02: New Jersey’s Bridge Activities
Nat Kasbekar
Presentation

Moderators: Lee-Ping Hsu and Myint Lwin

03: International Technology Exchange Programs SCAN on Bridge Evaluation Quality Assurance - An Update
Harry Capers
Paper | Presentation

04: Long Term Bridge Performance Program
Hamid Ghasemi
Paper | Presentation

05: Integrating the Ecological Science and Engineering into National Expressway Project
Jaw-Chang Laiw
Abstract | Presentation

06: Environmental Consideration in Planning and Construction of National Highway 6
Tai-Sheng Ko
Paper | Presentation

Moderators: Harry Capers and Chui-Te Chui

07: High Performance Concrete Application
Lou Triandafilou
Presentation

08: The Application of New Materials and Construction Methods in Expressway No. 6
Jaw-Chang Laiw
Abstract | Presentation

09: Rapid Replacement of a Short Span Bridge Using a Pre-Fabricated Lightweight Superstructure
Jerry O’Connor
Paper | Presentation

Moderators: Jaw-Chang Laiw and Lou Triandafilou

10: Issues of SCC Application in Bridge Engineering
Wen-Chen Jau
Abstract | Presentation 1 | Presentation 2
DAY TWO

**Moderators:** Wen-Chen Jau and Jerry Shen

**11:** The Application of Intelligent Transport System (ITS) in the Freeway Management in Taiwan  
*Fu-Sheng Hsu*  
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**12:** Current Pavement Technologies in Taiwan  
*Chui-Te Chiu*  
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**13:** Applications of Structural Health Monitoring to Highway Bridges in Oregon  
*Bruce Johnson*  
[Abstract](#) | [Presentation](#)

**14:** Changing Seismic Hazard Ground Motion Predictions at Caltrans  
*Jim Davis*  
[Abstract](#) | [Presentation](#)

**Moderators:** Jim Davis and Tsung Cheng Tsai

**15:** Development for a Bridge Failure Database  
*George Lee*  
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**16:** Application of Functional Bearing System to the Seismic Retrofit of Bridge  
*Chi-Heng Chiang*  
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**17:** Effect of Vertical Ground Motion  
*Li-Hong Sheng*  
[Paper](#) | [Presentation](#)

**18:** Investigation and Mitigation Planning for Province Road 18, Woo-Wan-Chai Landslide Area in Taiwan  
*Jui-Tang Liao*  
[Paper](#) | [Presentation](#)

**Moderators:** Bruce Johnson and Tai-Sheng Ko

**19:** Seismic-blast Multi-hazard Relations for Highway Bridges  
*Anil Agrawal*  
[Abstract](#) | [Presentation](#)

**20:** Taiwan National Freeway Bridge Structures Seismic Assessment and Retrofit Projects  
*Sheng-Fah Lin*  
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**21:** Bridge Safety Assurance Program of New York State  
*Sreenivas Alampalli*  
[Abstract](#) | [Presentation](#)

**Moderators:** Lee-Ping Hsu and George Lee

**22:** Monitoring Bridges on the Move  
*Roy Imbsen and Shana Lindsey*  
[Abstract](#) | [Presentation](#)

DAY THREE

**23:** New York City Bridges: Network and Project Management  
*Bojidar Yanev*  
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