

Presentation Program

1、 Steel Bridge Deck Pavement

Chairman : Dr.Liang Xinzheng

Co-Chairman : **Mr.Shigeki Kusuvara**

| Order | Topics | the first author | Agency | Remarks |
|-------|---|--|--|---------|
| 1 | Test Application of Micro Surfacing Method for the Maintenance of Steel Deck Pavements | Tadashi TAMURA , & Gohei TOKUNAGA | Honshu-Shikoku Bridge Expressway Company Limited | |
| 2 | Study of the Repair Scheme and Replacement Implementation of Humen Bridge Steel Deck Pavement | Xu Wei | South China University of Technology | |
| 3 | The Research and Practice of Field Contrast Testing Sections on the Steel Deck of Jiangyin Yangtze River Bridge | Fan Yehua | Jiangsu Yangtze River Bridge Company Ltd | |
| 4 | Orthotropic steel deck with Steel Fiber Reinforced Concrete Pavement in NAGOYA- EXPRESSWAY | HIROFUMI MAENO | Nagoya-Expressway Public Corporation | |
| 5 | Damage Analysis and Maintenance Measurements of Steel Deck Pavement with Epoxy Asphalt Concrete in Nanjing | Zhang Dengjing | The 3rd bridge of Nanjing | |

2、 Fatigue Evaluation

Chairman : [Dr.Liang Xinzheng](#)

Co-Chairman : [Mr.Shigeki Kusuhara](#)

| Order | Topics | The first author | Agency | Remarks |
|-------|---|------------------|--------------------------------------|---------|
| 1 | Great Belt - East Bridge Fatigue Evaluation for Orthotropic Steel Bridge Deck Structure | Leif Vincentsen | A/S Storebaelt | |
| 2 | Cable Remaining Life Prediction Model of Cable-Stayed Bridge in Different Service Environments | Fei Xiao | Chongqing Jiao tong University | |
| 3 | Fatigue Durability Evaluation of Welding Between Deck Plate and U-Rib in Orthotropic Steel Decks Considering Pavement Characteristics | HIROFUMI MAENO | Nagoya-Expressway Public Corporation | |

3、 Bridge Maintenance

Chairman : Mr. Motoi Okuda

Co-Chairman : Dr. Zhang Jiandong

| Order | Topics | The first author | Agency | Remarks |
|-------|--|----------------------|--|---------|
| 1 | Inspection and maintenance of Long-span Bridge in Hongkong | James D Gibson | Transport Infrastructure Management Limited (TIML) | |
| 2 | Application of the Management System for Sutong Bridge | Wang Xiaojing | Highway Research Institution of the Ministry of Communications | |
| 3 | The Anti-humidity System in Main Cable of the Main Suspension Bridge in U.K. | Charles PE Cocksedge | AECOM Ltd | |
| 4 | Reasonable Maintenance for Cable Band Bolts on Suspension Bridges | Kazunori YAMAGUCHI | Honshu-Shikoku Bridge Expressway Company Limited | |

4、 Cable Maintenance

Chairman : Mr. Motoi Okuda

Co-Chairman : Dr. Zhang Jiandong

| Order | Topics | The first author | Agency | Remarks |
|-------|---|--------------------|---|---------|
| 1 | Preventive Maintenance of Suspender Ropes on the Honshu-Shikoku Suspension Bridges | Sumitaka KURINO | <i>Honshu-Shikoku Bridge Expressway Co.Ltd</i> | |
| 2 | Calculation analysis for cable-stayed bridge's cable force based on method of vibration frequency | Shi Guogang | Quality Inspection Bureau of Jiangsu Communications Department | |
| 3 | Study on Non-Destructive Technology for Cable Inspection | Zhang Yufeng | Jiangsu Transportation Research Institute Co.,Ltd | |
| 4 | Study on anti-corrosion coatings for suspenders on Yichang Yangtze River Highway Bridge | Jiang Wei | Yichang Yangtze Highway Bridge Company | |

5、 Monitoring

Chairman : Mr. Leif Vincentsen

Co-Chairman : Dr. Zhang Yufeng

| Order | Topics | The first author | Agency | Remarks |
|-------|--|------------------|--|---------|
| 1 | Health Monitoring System Upgrading of Cable Supported Bridge Structure in Korea | Heungbae Gil | <i>Korea Expressway Corporation</i> | |
| 2 | Field Observation of Wind-induced Vibration for Circular Cable of Long-span Bridges | Shigeki Kusuhara | Honshu-Shikoku Bridge Expressway Company Limited | |
| 3 | Monitoring System and Expansion Joint Movement and the Analysis thereof in Runyang Bridge | Qian Lifeng | Jiangsu Runyang Bridge Development Co. Ltd | |
| 4 | Variability in Dynamic Properties of the Sutong Cable-Stayed Bridge under Routine Traffic Conditions | Liu Jianfeng | Tongji University | |

6、 Innovation in Maintenance and Anti-icing

Chairman : Dr. Zhang Yufeng

Co-Chairman : Mr. Finn Bormlund

| Order | Topics | The first author | Agency | Remarks |
|--------------|---|-------------------------|--|----------------|
| 1 | Bridge ice accretion and de- and anti-icing systems: A review | K. Kleissl | Technical University of Denmark | |
| 2 | The investigation on lightning protection, wind resistance and anti-freezing measures to Aizhai Bridge | Chen Mingxian | Hunan Provincial Communications Department | |