

IV Simpósio de Infraestrutura Metroviária, Ferroviária e Rodoviária 4th Symposium on Subway, Railway and Highway Infrastructure (together with 56th Brazilian Congress on Concrete)

Natal – Rio Grande do Norte – Brazil
October 7 - 10, 2014

Organized by:



Institutional Support:





1 – INTRODUCTION

Due to the increase of demand for the improvement and the expansion of the transportation infrastructure in Brazil (subway, railway and highway), the 4th Symposium on Subway, Railway and Highway Infrastructure will take place in the city of Natal in conjunction the 56th Brazilian Congress on Concrete, organized by the IABMAS Brazilian Group (International Association for Bridge Maintenance and Safety) and the Brazilian Concrete Institute - IBRACON.

IBRACON is promoting the 4th Symposium on Subway, Railway and Highway Infrastructure in order to discuss and deliver to the technical world the improvements and progresses that have been made in Brazil and in the rest of world in this particular area. There is a strong motivation for large investments in infrastructure in consequence of the sportive events that will take place in the country in 2014 and 2016, and also due the observed economic growth of the last years. The actual investment in infrastructure is almost 4% of GDP, with a tendency to grow in the future.

With this Symposium, IBRACON is trying to disseminate new design techniques, analyses and construction methods leading to safer and modern structures and to improvements in the existing infrastructure.

We acknowledge and appreciate the support of the Organizing Committee and the Technical Scientific Committee of 55th Brazilian Congress on Concrete.

Túlio Nogueira Bittencourt

2 – TOPICS

The topics to be covered are:

1. Bridges
2. Underground Stations and Tunnels
3. Pavements
4. Structural Life Cycle
5. Safety and Serviceability,
6. Structural Health Monitoring
7. NDT – Non Destructive Testing,
8. Weigh in Motion Systems.
9. Retrofit and Reinforcement Systems (CFRP, High Performance Concretes)
10. Monorail Structural Systems

3 – IMPORTANT DATES

Abstracts	25/mar/2014
Abstracts Approval	10/apr/2014
Papers	28/apr/2014
Papers Approval	19/may/2014
Papers Revision Submission	25/jun/2014
Papers Final Approval	26/jul/2014
Event	7 a 10/10/2014

4 – KEYNOTES SPEAKERS

Dr. Herbert Wiggerhauser – BAM – Alemanha

Dr. Jürgen Krieger – BAST - Alemanha

Prof. Lev Khazanovich – University of Minnessotta – Estados Unidos

Prof. André Pacheco de Assis – Universidade de Brasília - Brasil

5 – PROGRAM

To be defined.

6 – ORGANIZATION

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Roberto Daledone Machado

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7 – Institutional IBRACON

IBRACON, the Brazilian Concrete Institute is an international techno-scientific organization for the defense and appreciation of engineering. IBRACON aims to provide more knowledge in the field of concrete through courses, events, publications, certification, technological and scientific meetings, incentives for research and scientific and technological research and its dissemination to all the professionals and actors in the concrete industry and construction in the areas of materials technology, design, management, control, architecture, structures and buildings.

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