

Pavement Design Systems and Pavement Performance Models

March 22. – 23.

Grand Hotel, Reykjavik, Iceland

Wednesday, 21. March:

18:00 – 19:00 Reseption at the Reykjavik City Hall - Ráðhúsið

Thursday, 22. March: Pavement Design Systems

08:00 – 09:00 Registration

09:00 – 09:10 Opening:

09:10 – 10:00	Session 1: General Chairman: <i>Þórir Ingason</i>
09:10 – 09:35	Mechanistic Pavement Design, <i>Sigurdur Erlingsson, Iceland</i>
09:35 – 10:00	NordFoU Project – Pavement Performance Models, <i>Rabbira Garba Saba, Norway</i>

10:00 – 10:30 Coffee

10:30 – 12:10	Session 2: Flexible Pavement Design, Nordic practice Chairman: <i>Geir Refsdal</i>
10:30 – 10:50	Denmark, <i>Gregers Hildebrand, Denmark</i>
10:50 – 11:10	Flexible Pavement design, practice in Finland <i>Tuomo Kallionpää, Finland</i>
11:10 – 11:30	Norway, Handbok 018 <i>Inge Hoff, Norway</i>
11:30 – 11:50	Sweden, PMS Objekt 2000 <i>Tomas Winnerholt, Sweden</i>

12:00 – 13:00 Lunch

13:00 – 14:30	Session 3: Flexible Pavement Design Chairman: <i>Helge Mørk</i>
13:00 – 13:30	Asphalt Pavement Design using the Design Guide 2002, <i>Lev Khazanovich, University of Minnesota, USA</i>
13:30 – 14:00	Pavement Design using Mn/Pave, <i>Bruce Chadbourn, Minnesota, USA</i>
14:00 – 14:30	Pavement Design in the UK and Future Developments <i>Andrew Collop, Nottingham, England</i>

14:30 – 15:00 Coffee

15:00 – 16:30	Session 4: Comparison of design systems Chairman: <i>Ivar Horvli, NTNU, Norway</i>
15:00 – 16:30	Chairmans viewpoint on the design systems. Panel discussion: Comparison of different design from same data. Comparison of design systems - Input parameters for each system - Assumptions made in each system - Calibration data needs for each system - Need development/improvement

18:00 Tour to Gvendarbrunnar and then to the new Geothermal Power Plant at Hellisheiði followed by dinner at Skíðaskálinn.

FRIDAY, 23. March : Pavement Performance Prediction Models

08:30 – 10:00	Session 5: Performance Prediction Models from USA Chairman: Haraldur Sigursteinsson
08:30 – 09:00	Asphalt Pavement Performance Models using Mn/Pave, <i>Bruce Chadbourn, Minnesota DOT.</i>
09:00 – 09:30	Asphalt Pavement Performance Models in Design Guide 2002, <i>Lev Khazanovich, University of Minnesota</i>
09:30 – 10:00	A New Mechanistic-Empirical Pavement Design Approach for Florida, Employing New Asphalt Pavement Performance and Materials Models and the Critical Condition Concept <i>Björn Birgisson, University of Florida</i>

10:00 – 10:30 Coffee

10:30 – 12:00	Session 6: Nordic Performance Prediction Models Chairman: <i>Leif Bakløkk</i>
10:30 – 11:00	MMOPP <i>Gregers Hildebrand, Denmark</i>
11:00 – 11:30	Performance Prediction Models in Finland <i>Taina Rantanen, Finland</i>
11:30 – 12:00	Permanent Deformation Model for Unbound Granular Materials <i>Inge Hoff, Norway</i>
12:00 – 12:30	Performance Prediction in the Active Design system, <i>Anders Huvstig, Sweden</i>

12:30 – 13:30 Lunch.

13:30 – 15:00	Session7: Other Performance Prediction models Chairman: <i>Gunnar Bjarnason</i>
13:30 – 14:00	Permanent Deformation Prediction Procedure for Asphalt mixes and Advanced Modeling Developed at the Pavement Research Center ITS, in California. <i>Carl L. Monismith, University of California, Berkeley.</i>
14:00 – 14:30	Calibration of models in Cal-ME using HVS and track testing. <i>Per Ullidtz, Denmark</i>
14:30 – 15:00	Performance Prediction models at LCPC <i>Pierre Horny, LCPC, France</i>

15:00 – 15:30 Coffee

15:30 – 17:00	Session 8: Discussion on Performance Models Chairman: <i>Byron E. Ruth, University of Florida</i>
15:30 – 17:00	Chairmans viewpoint on the Performance Models. Panel discussion: - Need for Performance prediction - Need for future development

17:00 Closure

SATURDAY, 24. March

Optional, excursion to Nesjavellir, Þingvellir, Gullfoss & Geysir

Information from the seminar will be on:

<http://www.vegagerdin.is/nvf34.nsf>