



# CONCRETE: MISTAKES AND SOLUTIONS

## PROGRAM

**8.30 Arriving, registration and coffee break**

**9.00 Opening session**

Rolands Cepurītis, Latvian Concrete Association  
Chairman of the Board, *SCHWENK Latvija* Product  
Technology and Sales Director, NTNU Associate  
Professor

### ANALYSIS OF MISTAKES AND PRACTICAL SOLUTIONS

Moderator: Rolands Cepurītis

**9.20 Construction of the Rail Baltica Main Line near  
Kaunas – Experience with Pile Construction in  
Marshland [LV]**

Artjoms Gridņevs, *Tilts* CEO

**9.45 Experience with Fair-Faced Concrete in the  
Museum of the Occupation Memorial Wall  
Project: Problems During Construction and  
Analysis of Their Causes [LV]**

Gatis Vilks, *BICP* Structural Engineer

**10.10 Problems in infrastructure projects and possible  
solutions – Betooneimeister's experience [ENG]**

Lauri Labe, *Betooneimeister* CEO

**10.35 Damage to Bridges Built over the Past 20 Years:  
Could It Have Been Prevented? [LV]**

Ulvis Skadiņš, LBTU Institute of Civil Engineering  
and Woodworking Professor and Leading  
Researcher

**11.00 How Can a Quality Control System Protect a  
Manufacturer from Bankruptcy and Prison? [LV]**

Roberts Kaufiņš, *Kilen Baltic* Director

**11.25 Concrete Olympics results**

Genādijs Šahmenko, Latvian Concrete Association  
Board Member, RTU Associate Professor and  
Leading Researcher

Tomasz Nowacki, *STACHEMA Polska* Deputy  
Chairman of the Board & CTO

**11.40 LUNCH BREAK**

### CONCRETE QUALITY AND PERFORMANCE

Moderator: Didzis Malkausis

**12.40 Concrete Passes the Tests, but Not the Winter [LV]**

Jānis Kudiņš, Concrete Research Centre Quality  
Manager

**13.05 Discussion: From Mix Design to Results – Are  
We Ready for Performance Requirements?**

*MB Betons* and *Schwenk Latvija*

**13.35 What to Do When Concrete Cubes Fail to Meet  
the Required Strength? [LV]**

Jānis Zāle, Latvian Concrete Association valdes  
loceklis, *SCHWENK Latvija* Betona produktu un  
tehnoloģiju daļas vadītājs

**14.00 High-Strength Fiber-Reinforced Shotcrete for  
Structural Rehabilitation: Challenges,  
Research and Solutions [LV]**

Rūta Anna Kinta, RTU Scientific Assistant

Genādijs Šahmenko, Latvian Concrete Association  
Board Member, RTU Associate Professor and  
Leading Researcher

**14.25 COFFEE BREAK**

### INNOVATION AND INDUSTRY DEVELOPMENT

Moderator: Jānis Zāle

**14.55 Built to Standard, Failed in Service: The Real  
Cost of Cracking and Delamination [LV]**

Artūrs Čurakovs, *Primekss* Concrete Technology  
Engineer & Concrete Additive Sales Manager

**15.20 Discussion: Structural Fibre Concrete in  
Industrial Construction: Where Specification  
Mistakes Cost the Most [ENG]**

*Primekss*

**15.50 Concrete Shrinkage and Load-Bearing Capacity:  
Reinforced vs. Unreinforced Concrete [ENG]**

Andrius Karpauskas, General Manager of *PP Baltic*

**16.15 Updates from the Latvian Concrete Association  
Technical Committees [LV]**

- **TK02 Recommendations**
- **TK03 Fair-Faced Concrete**
- **TK04 Concrete Sustainability**
- **TK05 Digital Solutions for Concrete**

**16.55 Questions, discussions and conclusion of the  
conference**

Rolands Cepurītis, Latvian Concrete Association  
Chairman of the Board, *SCHWENK Latvija* Product  
Technology and Sales Director, NTNU Associate  
Professor

**17.00 NETWORKING AND COFFEE BREAK**

