

# PraxisRegelnBau

Initiative Praxisgerechte Regelwerke im Bauwesen e.V.  
Kurfürstenstraße 129 ■ 10785 Berlin



## Final Invitation and Programme First PRB-Workshop on Contributions for the Ease of Use of the EUROCODES

4<sup>th</sup> and 5<sup>th</sup> December 2014 in Berlin

Dear Colleagues,

We have the pleasure to announce that the “Initiative **P**ractice-oriented **R**ules in **B**uilding Construction – **PRB**” will present the first results of its work on improving the ease of use of the Eurocodes at a workshop which will be held in Berlin on Thursday 4<sup>th</sup> and Friday 5<sup>th</sup> December 2014.

PRB was founded in Germany in 2011 by engineering associations, scientific societies and contractors’ associations. It was a result of the overflowing discussions within the civil-engineering community after the implementation of the Eurocodes. PRB’s approach to improve the standards of the Eurocode-Series is, alternatively to the traditional, detail-focused and hence scattered European practice, a concentration of the work in six project-groups.

The European as well as the German approach have a common aim: Enhancing the acceptance of the Eurocodes by adapting these standards to the requirements of the designers’ day-to-day work. Dissent, if at all, exists on the path to be followed. Is it reasonable to stick to the traditional layout of standards merged with an inauspicious European compromise culture, or is it more reasonable to develop a new concept having the modern design environment in mind?

By inviting the parties interested in European standardisation of structural design methods to the oncoming workshop, it is intended to open up an international platform for discussion and to establish an opportunity of integrating Pan-European ideas into the improvement activities of the Eurocodes for the day-to-day use. Consequently, this year’s workshop, the first of an annual repeating series, will give stage for:

- presenting the concept of PRB and the strategies chosen for the improvement of the most important Eurocodes,
- explaining and discussing the first results of PRB’s project-groups working on these Eurocodes,
- European colleagues to present their ideas how the ease of use of the Eurocodes should be improved and
- Working groups of CEN/TC 250 to introduce their proposals for the development of Eurocodes.

On behalf of the Presidium and the Steering Committee of PRB we invite you to attend the First PRB-Workshop on Contributions for the Ease of use of the EUROCODES on Thursday 4<sup>th</sup> and Friday 5<sup>th</sup> December 2014 at Hotel “Berlin, Berlin”, Lützowplatz 17 and at PRB, Kurfürstenstraße 129, both: D-10785 Berlin – **free of charge**, of course.

encl.: Programme of the Workshop  
Map with directions and recommended hotels  
Registration

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## Programme

### First Day (4<sup>th</sup> December 2014): Plenary Session at Hotel "Berlin, Berlin"

<b>13:00</b>	<b>Commence</b>	
13:00	Opening and Welcome Address	Manfred <b>Nußbaumer</b> (DE) (President of PRB)
13:10	PRB – The Initiative's Objective and a Report on the State of the Work	Robert <b>Hertle</b> (DE) (Chairman PRB-Steering Committee)
13:30	Introduction and Experiences with the Use of Eurocodes in Norway	Steinar <b>Leivestad</b> (NO)
13:40	Introduction and Experiences with the Use of Eurocodes in Austria	Martin <b>Muncke</b> (AT)
13:50	Introduction and Experiences with the Use of Eurocodes in Italy	Francesco <b>Biasioli</b> (IT)
14:00	Introduction and Experiences with the Use of Eurocodes in France	Jacques <b>Cortade</b> (FR)
14:10	Eurocodes and Ease of Use in the United Kingdom	Charles <b>Goodchild</b> (UK)
14:20	Introduction and Experiences with the Use of Eurocodes in Denmark	Jørgen S. <b>Steenfelt</b> (DK)
14:30	Use of Eurocodes in Switzerland	Hans Rudolf <b>Ganz</b> (CH)
14:40	Introduction and Experiences with the Use of Eurocodes in Sweden	Mikael <b>Hallgren</b> (SE)
14:50	Eurocodes in Spain – From Tradition and Resistance-to-Change to Full-Hearted Adaption	Alejandro <b>Pérez Caldentey</b> (ES)
15:10	Introduction and Experiences with the Use of Eurocodes in the Netherlands	Simon <b>Wijte</b> (NL)
<b>15:20</b>	<b>Discussion</b>	<b>all participants</b>
<b>15:30</b>	<b>Coffee Break</b>	<b>all participants</b>
16:00	The Chairman's Advisory Panel on Ease of Use – Preliminary Report	Gerhard <b>Breitschaft</b> (DE) (Vice-Chairman of GEN/TC250 and Convener of the CAP on Ease of Use)
16:30	EN 1990 – Code for Codewriters or for Users?	Wolfram <b>Jäger</b> (DE) (Head German Delegation in TC250)
16:45	EN 1991: Eurocode 1 – Actions on Structures: Simplification and Ease of Use – General Approach and Idea	Frank <b>Breinlinger</b> (DE) (Convener of PRB-Project Group 1)
17:00	EN 1991: Eurocode 1 – Simplification and Ease of Use – Examples on Snow	Volker <b>Cornelius</b> (DE) (Member of PRB-Project Group 1)
17:15	EN 1991: Eurocode 1 – Simplification and Ease of Use – Examples on Wind	Rüdiger <b>Höffer</b> (DE) (Member of PRB-Project Group 1)
17:30	Some Ideas of SC7 for Limiting Values of Foundation Movements of Structures	Andrew <b>Bond</b> (UK) (Chairman of GEN/TC 250/SC 7)
<b>17:45</b>	<b>Open Discussion</b>	<b>all participants</b>
<b>18:30</b>	<b>End of first day</b>	<b>all participants</b>
<b>19:15</b>	<b>Dinner on invitation of PRB</b>	<b>all participants</b>

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## Programme

### Second Day (5<sup>th</sup> December 2014)

**Parallel Session A:** „Geotechnics“  
**Venue:** PRB, Kurfürstenstraße 129, D-10785 Berlin

**Parallel Session B:** „Concrete, Steel and Masonry“  
**Venue:** Hotel “Berlin, Berlin”, Lützowplatz 17, D-10785 Berlin

09:00	<b>Parallel Sessions</b> on „Geotechnics“ (A) resp. „Concrete, Steel and Masonry“ (B) (Part 1)	Programme: see Session A and Session B
12:00	<b>Lunch, Hotel “Berlin, Berlin”</b>	<b>all participants</b>
13:00	<b>Parallel Sessions</b> on „Geotechnics“ (A) resp. „Concrete, Steel and Masonry“ (B) (Part 2)	Programme: see Session A and Session B
15:00	<b>Coffee break, Hotel “Berlin, Berlin”</b>	<b>all participants</b>
15:30	<b>Plenary Session:</b> „Conclusions and Outlook“ General Discussion Hotel “Berlin, Berlin”	all participants
16:15	<b>End of the Workshop</b>	<b>all participants</b>

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## Programme

### Second Day (5<sup>th</sup> December 2014)

**Parallel Session A: „Geotechnics“**  
**Venue: PRB, Kurfürstenstraße 129, D-10785 Berlin**

09:00	Welcome and Introduction to the Session Introduction to the Work Packages of the Project Group 6 “Geotechnical Design” and Principles to Improve the Ease of Use of Eurocode 7	Bernd <b>Schuppener</b> (DE) (Convenor of PRB-Project Group 6)
9:20	First Results to Improve the Ease of Use of Eurocode 7-2	Bernd <b>Schuppener</b> (DE) (Convenor of PRB-Project Group 6)
9:35	First Results to Improve the Ease of Use of Eurocode 7-1	Thomas <b>Richter</b> (DE) and Franz-R. <b>Ruppert</b> (DE) (Members of PRB-Project Group 6)
<b>9:50</b>	<b>Discussion</b>	<b>all participants</b>
10:15	Design Approaches for the Verification of ULS of Eurocode 7	Martin <b>Ziegler</b> (DE) and Elias <b>Tafur</b> (DE) (Members of PRB-Project Group 6)
10:30	Comparative Calculations for the Design of Shallow Foundations – Design Examples of a Column Footing and a Cantilever Wall	Martin <b>Ziegler</b> (DE) and Elias <b>Tafur</b> (DE) (Members of PRB-Project Group 6)
11:00	Comparative Calculations for the Design of Retaining Structures for Excavation Pits	Armin <b>Doster</b> (DE) and Harald <b>Huber</b> (DE) (Members of PRB-Project Group 6)
11:15	Comparative Calculations for the Design of Slopes	Magnus <b>Geduhn</b> (DE) (Member of PRB-Project Group 6)
<b>11:30</b>	<b>Discussion</b>	<b>all participants</b>
<b>12:00</b>	<b>Lunch, Hotel “Berlin, Berlin”</b>	<b>all participants</b>
13:00	Results of Comparative Calculations for the Design of Axially and Laterally Loaded Piles	Carsten <b>Pohl</b> (DE) and Johann <b>Buß</b> (DE) (Members of PRB-Project Group 6)
13:15	Proposal for a Revised Section 7 “Pile Foundations” of Eurocode 7 by Evolution Group 7 “Pile Design” and DIN Committee on Piles	Christian <b>Moormann</b> (DE) (Member of PRB-Project Group 6)
13:30	Results/Recommendation of Evolution Group 10 “Calculation Models”	Christos <b>Vrettos</b> (DE)
13:45	<b>Discussion</b>	<b>All participants</b>
14:00	Results/Recommendations of Evolution Group 3 “Model Solutions”	Trevor <b>Orr</b> (IR)
14:15	Recommendations of Evolution Group 8 “Harmonization”	Andrew <b>Bond</b> (UK)
14:30	Results of Evolution Group 9 “Water Pressures” – Work Done within CEN/TC250/SC7 Evolution of Eurocode 7 Part 1	Norbert <b>Vogt</b> (DE)
14:45	<b>Discussion</b>	<b>all participants</b>
<b>15:00</b>	<b>Coffee break, Hotel “Berlin, Berlin”</b>	<b>all participants</b>

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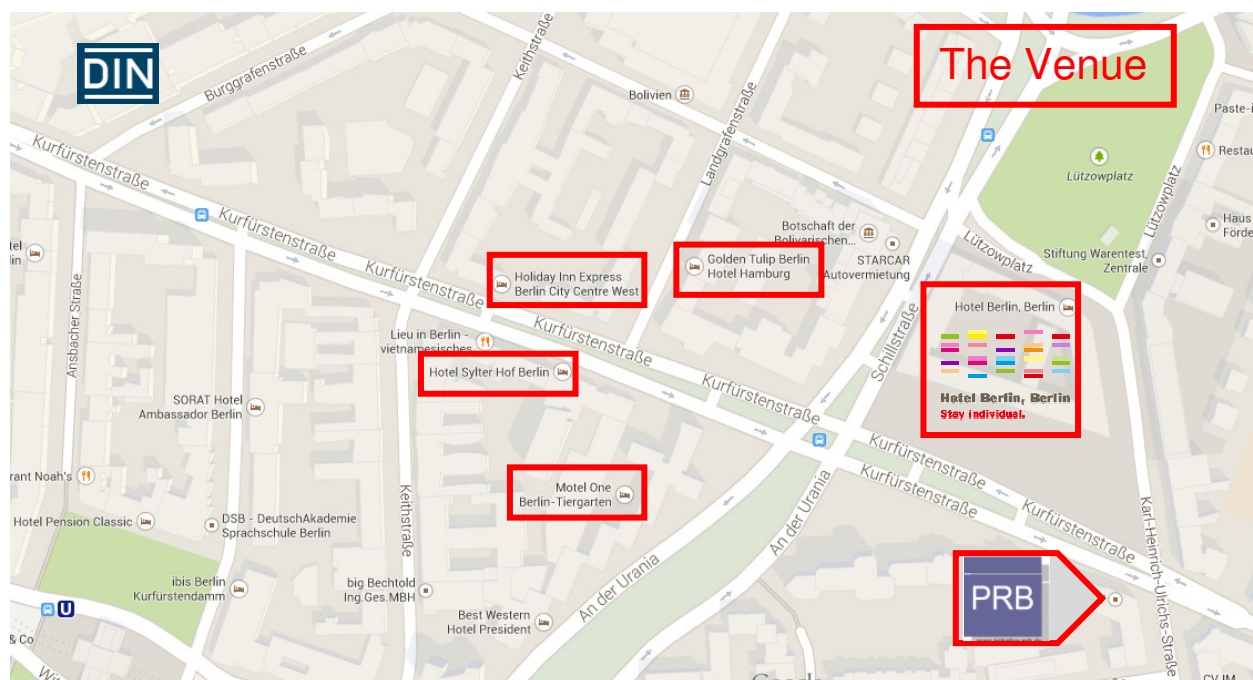
**Second Day (5<sup>th</sup> December 2014)**

**Parallel Session B: „Concrete, Steel and Masonry“**  
**Venue: Hotel “Berlin, Berlin”, Lützowplatz 17, D-10785 Berlin**

09:00	Ease of Use in Eurocode 2 – Overview and General Approach	Frank <b>Fingerloos</b> (DE) (Convenor of PRB-Project Group 2)
09:10	Approaches Across all Chapters of Eurocode 2 – Analysis of NDPs and Rearrangement of Symbols	Anett <b>Ignatiadis</b> (DE) (Member of PRB-Project Group 2)
09:20	Interface between Eurocode 2 and Product Standards for the Reinforcement of Concrete Structures – Weldable Reinforcing Steel, Stainless and Prestressing Steel	Enrico <b>Schwabach</b> (DE) (Member of PRB-Project Group 2)
09:30	PRB-Proposals for Shear	Heinrich <b>Hochreither</b> (DE) (Member of PRB-Project Group 2)
09:40	PRB-Proposals for Punching	Walter <b>Schmitt</b> (DE) (Member of PRB-Project Group 2)
09:50	PRB-Proposals for Torsion	Konrad <b>Schuster</b> (DE) (Member of PRB-Project Group 2)
10:00	Shear Forces in Joints and Fatigue	Franz-Michael <b>Jenisch</b> (DE) (Member of PRB-Project Group 2)
10:10	Strut and Tie Models, Partially Loaded Areas and Durability	Marcus <b>Landgraf</b> (DE) and Peter <b>Weber</b> (DE) (Member of PRB-Project Group 2)
10:20	EN 1992-1-1 Chapter 7.3: Crack Control – PRB Suggestions for Improvement	Wolfgang <b>Finckh</b> (DE) (Member of PRB-Project Group 2)
10:30	Simplified Rules for Deflection Control	Frank <b>Prietz</b> (DE) (Member of PRB-Project Group 2)
10:40	Safety Format for Non Linear Analysis	Guiseppa <b>Mancini</b> (IT)
10:50	The Swedish Handbooks on Eurocode 2	Mikael <b>Hallgren</b> (DK)
11:00	Correlation between Eurocode 2 and Eurocode 6 for Ease of Use – Design of Load Bearing Vertical Elements	Simon <b>Wijte</b> (NL)
11:10	Ease of Use of Eurocode 2 – A Key Issue: Consistency between Different Parts of the Eurocodes (Is it too much to ask?)	Alejandro <b>Pérez Caldentey</b> (ES)
11:20	Possible Simplifications of the Use of Eurocode 2	Walter <b>Potucek</b> (AT)
11:30	Improvement of Eurocode 2 – Minimum Detailing (Horizontal and Vertical) Reinforcement in Walls	Jacques <b>Cortade</b> (FR)
<b>11:40</b>	<b>Discussion</b>	<b>all participants</b>
<b>12:00</b>	<b>Lunch, Hotel “Berlin, Berlin”</b>	<b>all participants</b>
13:00	Strategy of CEN/TC250/SC6 on Ease of Use	Rob <b>van der Pluijm</b> (NL) (Chairman of CEN/TC250/SC6)
13:30	Current State of Works Eurocode 3	Thomas <b>Ummenhofer</b> (DE) (Member of PRB-Project Group 3)
<b>14:00</b>	<b>Approaches on Eurocode 3 and Eurocode 6 in other countries and open discussion</b>	<b>All participants are invited to contribute with a short statement!</b>
<b>15:00</b>	<b>Coffee break, Hotel “Berlin, Berlin”</b>	<b>all participants</b>

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## The Venue:

### **Hotel “Berlin, Berlin”**

Lützowplatz 17  
D-10785 Berlin

[www.hotel-berlin.de/en/hotel-berlin.html](http://www.hotel-berlin.de/en/hotel-berlin.html)

### **Initiative PRB**

Kurfürstenstraße 129  
D-10785 Berlin

[www.initiative-prb.de](http://www.initiative-prb.de)

## Further recommended hotels for individual booking:

### **Motel One Berlin-Tiergarten**

An der Urania 12  
10787 Berlin

[www.motel-one.com/en/hotels/berlin/hotel-berlin-tiergarten/](http://www.motel-one.com/en/hotels/berlin/hotel-berlin-tiergarten/)

### **Holiday Inn Express Berlin City Centre West**

Kurfürstenstraße 78  
10787 Berlin

[www.ihg.com/holidayinnexpress/hotels/us/en/berlin/bercw/hoteldetail](http://www.ihg.com/holidayinnexpress/hotels/us/en/berlin/bercw/hoteldetail)

### **Hotel Sylter Hof Berlin**

Kurfürstenstraße 114 – 116  
10787 Berlin

[www.sylterhof-berlin.de/default.aspx?lang=en](http://www.sylterhof-berlin.de/default.aspx?lang=en)

### **Golden Tulip Berlin - Hotel Hamburg**

Landgrafenstraße 4  
10787 Berlin

[www.goldentulipberlin.de/en](http://www.goldentulipberlin.de/en)

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## First PRB-Workshop on Contributions for the Ease of Use of the EUROCODES 4th and 5th December 2014 in Berlin

Please register online BEFORE **25th November 2014** at

<http://bvpi-mitglieder.de/tagungen/index.php?step=anmeldung&teilnehmerstatus=1&tagung=16>

or

<http://www.initiative-prb.de/> → First PRB-Workshop/Registration

### **The workshop is free of charge.**

After registration is complete you will receive an email message with your personal data. The number of participants is limited; therefore the registrations are accepted in order of entrance.