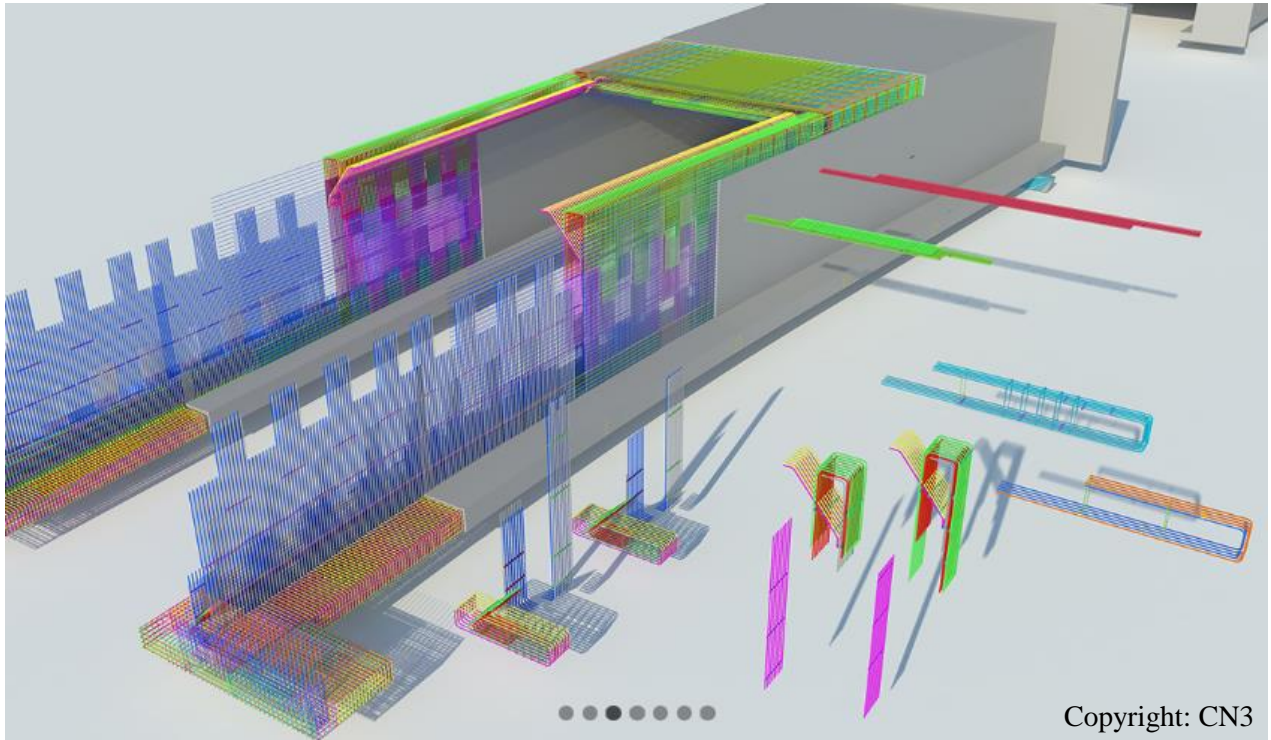


BIM for tunnels



Tuesday 4th December 2018 kl. 16.00-18.00

at

**Rambøll Danmark A/S - Auditoriet
Hannemanns Allé 53, 2300 København S**

DFTU are proud to present this mini-seminar on “Building Information Modelling for tunnels”. There will be three different presentations with case stories and examples of using BIM for tunnel projects. Maite Boronat Durá from Cowi will present the “Development in use of BIM in tunnelling”, Jón Gunnar Hilmarsson will present the use of BIM on the Haga contract of the Västlänken project in Gothenburg and Jens Fobian-Larsen from CN3 will present “BIM as a tool for risk management and optimization in the construction phase”.

Västlänken – Haga,

The project involves a design and built of a new rail line in Gothenburg. The Västlänken project is divided in 4 packages and the new rail includes underground track with three new stations. Haga station include a diverse utilities and access structures as well as a large underground train station. Project owner is Trafikverket in Sweden.

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The project designed to be using an advanced BIM platform that is fully utilized by all parties of the contract. The BIM standards are above the client requirements and it is intended that the Haga Station package will serve as a model for the BIM implementation on the rest of the packages and on future infrastructure projects by Trafikverket in Sweden. In this presentation we will go through the process of implementing a BIM approach to a large infrastructure project. We will go through the advantages of a BIM approach on infrastructure projects and challenges adapting a known concept from buildings projects to infrastructure project.

Development in use of BIM in tunneling

Development in the use of BIM in projects King Abdul Aziz Road in Saudi Arabia and Fornebu Metro in Oslo. The presentation will describe how the requirement of BIM has been increased in recent projects and the benefits of implementing BIM.

BIM as a tool for risk management and optimization in the construction phase

Revolving around the topic "BIM as a tool for risk management and optimization in the construction phase", CN3 will show how they have used 3D models and associated data to optimize the construction of several projects, for example by minimizing risks through identifying complex structures. The presentation will include specific solutions from different projects ranging from design, construction and end result.

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Please sign up by replying to DFTU@dftu.dk no later than 3/12 2018.