



bentleyuser.dk

ÅRSMØDE 2015

**9.-11. november
Munkebjerg Hotel, Vejle**

NORDIC CIVIL 2015

Årsmøde 2015 og Nordic Civil konference 2015 den 9. – 11. november i Vejle

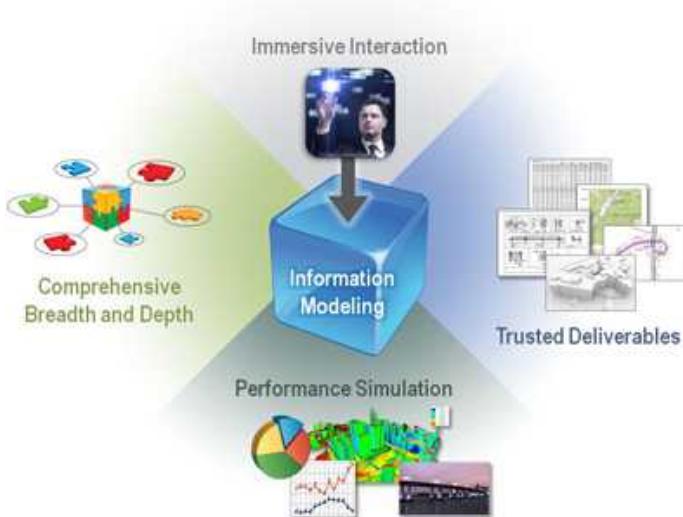
Det er med glæde, at vi præsenterer dette års program for Bentleyuser.dk Årsmøde 2015 og til Nordic Civil konference 2015 på Munkebjerg Hotel.

Vi håber, at der er noget for enhver smag, og at du som tidligere år kan sammensætte et godt personligt program ud fra Årsmødets mange indlæg og workshops. Husk også at uformel videndeling - at samtale og mødes i faglig dialog - kan bidrage til at fuldende deltagelsen i Årsmødet.

Årsmødet fordeler sig som tidligere år på 5 faglige spor og et workshop spor over 2 dage. I år vil der også være mulighed for, at alle kan deltage over 3 dage sammen med Nordic Civil konferencen, idet der om onsdagen er 3 workshop spor for henholdsvis Geospatial, MicroStation CONNECT og ProjectWise.

Som sædvanlig deltager mange af Bentleys kapaciteter i Årsmødet, og de bidrager gennem præsentationer og afholdelse af workshops til, at Årsmødet forhåbentlig også i år bliver et godt arrangement. Mange danske firmaer bakker også op om Årsmødet ved at deltage og videregive deres viden og erfaringer gennem bruger-præsentationer. Den brede opbakning betyder, at Årsmødet bliver en særlig og unik begivenhed, hvilket foreningen værdsætter meget højt.

Nordic Civil konferencen byder på sessioner og workshops samt masser af muligheder for at få en dialog med Bentley gennem 3 dage. OpenRoads teknologien er i år endnu mere i fokus med 3D modellering og brugen af digitale data med sessioner og workshops over 3 dage.



Udover at der introduceres nye versioner af velkendt software, er der også i år en række spændende nye software-koncepter som introduceres ved konferencen.

Hør f.eks. om Context Capture (A2 - Introduction to Context Capture) der via fotos taget fra forskellige viewpoints automatisk kan sammensætte billederne til en 3D CAD model.

Eller hør om hvordan du udveksler din 3D OpenRoads modeller via Bentleys nye Civil i-model format (F14 - Why are Integrated Civil i-Model's a Better Option to Exchange Data?)

Årets keynotes har fokus på Bentley CONNECT Edition, som er Bentleys bud på fremtidens samarbejdsplatform. I år er det lykkes at få Bhupinder Singh, Senior Vice President for Bentley Software til at komme, og han vil sammen med Makai Smith, Senior Product Manager for MicroStation, præsentere perspektivet og visionerne for Bentley CONNECT Edition. Bhupinder Singh er overordnet ansvarlig for den strategiske udvikling af Bentley Software, og i hans keynote mandag morgen vil du se det nyeste fra Bentley - og høre, hvad Bentley-fremtiden bringer.

Bhupinder Singh vil følge op i hans anden keynote mandag eftermiddag, hvor fokus vil på Bentley CONNECT Edition brugt på tværs af fag med integreret modellering og med øjeblikkelig feedback ved udnyttelse af et fælles projekt miljø. Makai Smiths keynote tirsdag morgen vil gå endnu mere i dybden og fokusere på den nye CONNECT Edition specifikt på MicroStation.

Foreningens Generalforsamling afholdes som tidligere år i forbindelse med Årsmødet mandag eftermiddag. Formandens beretning præsenteres som tidligere år i forbindelse med konferencens start mandag morgen. Dagsorden og bilag udsendes 3 uger før Generalforsamlingen til medlemsvirksomheders kontaktperson og til foreningens personlige medlemmer.

Vi vil gerne opfordre til, at alle deltager i Generalforsamlingen, da det giver et godt indblik i foreningens administrative arbejde. Ifald det kommer til afstemning er der én stemme pr. medlemsvirksomhed/personligt medlem.

Husk også at holde øje med foreningens hjemmeside www.bentleyuser.dk, hvor der i forbindelse med Årsmødet vil blive uploadet nyheder og evt. ændringer til programmet.

The screenshot shows the homepage of the BentleyUser.DK website. The header features the logo 'bentleyuser.dk' and 'BENTLEY USER GROUP DENMARK'. Below the header is a banner with the text 'Generations' and 'Galleriet'. The main navigation menu includes 'Forside', 'Foreningen >', 'Nyheder >', 'Kalender', 'Standarder >', 'Kontakt', 'Log ind', and 'Årsmøde 2015'. Below the menu are links for SIG categories: '3D Viz SIG', 'BIM SIG', 'Civil SIG', 'Data Management SIG', 'GEOSPATIAL SIG', 'Microstation SIG', 'Plant SIG', and 'Plot SIG'. The 'Forside' section contains a brief message about the year's activities and the annual meeting. The 'Kommende arrangementer' (Upcoming events) section lists several events with dates and descriptions. The 'Blog' section has links to various posts.

Foreningens hjemmeside har i 2015 fået et opdateret layout med nye digitale muligheder. Foreningens medlemsdatabase opdateres løbende via hjemmesiden, hvor hvert medlem selv holder sin egen profil ajour med SIG-interesser, kontaktdata mv. Hjemmesiden er også stedet, hvor man løbende finder inspiration, nyheder, mødereferater fra afholdte SIG-møder og meget mere.

SIG formændene og bestyrelsen håber, at I finder dette Årsmøde interessant, og at I gennem jeres deltagelse vil støtte foreningens arbejde fagligt som socialt.

Vi glæder os til at se jer alle på Munkebjerg den 9.-11. november!

Med venlig hilsen
bentleyuser.dk

Carsten Ahm
Formand
bentleyuser.dk

Lene Westh
Civil SIG formand
bentleyuser.dk

Stefan Sigvardsson
Account Director
Bentley Scandinavia

	Skovsal A	Skovsal B	Skovsal C	Munkebjergsalen
09:00	Registrering og morgenbrød / Registration and breakfast (<i>Munkebjergsalens foyer</i>)			
09:30	Velkomst og formandens beretning ved formand Carsten Ahm, COWI (<i>Munkebjergsalen</i>)			MANDAG
09:50	Bentley Keynote - Technology Advancements: Innovations for Comprehensive Project Delivery Bhupinder Singh (Senior Vice President, Bentley Software) is responsible for the strategic direction, development and delivery of Bentley's software solutions. Bentley is constantly innovating and advancing its offerings to help you design and deliver infrastructure projects better, faster, and with less risk. Join Bhupinder, who will explore the latest technology innovations and recent acquisitions supporting comprehensive project delivery. <i>Bhupinder Singh, Senior Vice President, Bentley Software</i>			9. NOVEMBER
10:40	A1 - What can we expect in 2016 for GeoSpatial Desktop and Mobile. A GeoSpatial Keynote to open the GeoSpatial track. What is the current state of Bentley Map, Bentley Map Mobile, Descartes, Pointools and what is this new product Smart3dCapture. Further we look at the 'Roadmap' for all these products, what can we expect to see in the next year and maybe a glimpse of what's coming later.	B1 - What's New in AECOsim Building Designer V8i SELECTseries 6? Come see the new features, updates, and enhancements delivered in the SELECTseries 6 Release of AECOsim Building Designer.	C1 - ProjectWise RoadMap Roadmap and technology update on ProjectWise, Bentley's project collaboration and content management platform.	D1 - QuickStart for MicroStation CONNECT Edition Are you new to MicroStation CONNECT Edition and looking to learn some tools and workflows to be productive right away? Get a quickstart introduction to common practices to create design geometry and produce project deliverables in this presentation.
11:30	<i>Gijsbert Noordam, Bentley</i>	<i>Jonas Wahlberg, Bentley</i>	<i>Susan Brandt, Bentley</i>	<i>Makai Smith, Bentley</i>
11:40	A2 - Introduction on Context Capture The principle of Context Capture is to analyze several photographs of a static subject, taken from different viewpoints, and to automatically detect pixels corresponding to a same physical point. From many such correspondences, relative orientations of photos and accurate 3D shape of the scene can be inferred. Come and hear about this new tool that soon will be an essential part of the point cloud workflow	B2 - BIM, Digitale Systemer og 3D design i Vejdirektoratet Vejdirektoratet har gennem en række interne projekter arbejdet mod at gøre anlægsprocessen mere digital. I første omgang har der været fokus på udbud og udforsling, men der er nu i højere grad sat fokus på ensretning af digitale projektdata på tværs af hele vejenlæggets livscyklus. Indlægget vil give en status på de interne aktiviteter samt hvordan der arbejdes med BIM i Vejdirektoratet	C2 - Introducing ProjectWise Engineering Content Management ProjectWise Engineering Content Management provides capabilities for information sharing and increase transparency throughout the project lifecycle Learn about the new way of working. See the new and enhanced interface and learn what Engineering Content Management is all about.	D2 - Processing Point Clouds with Bentley Descartes Learn about the latest improvements introduced within Bentley Descartes. Learn how to extract value from your point cloud data and create high quality deliverables.
12:30	<i>Dan Cutler, Bentley</i>	<i>Rasmus Fuglsang, Vejdirektoratet</i>	<i>Bill McNamara, Bentley</i>	<i>Mieke Pol, Bentley</i>
12:30	Frokost / Lunch			
13:30	KEYNOTE: The CONNECT Edition: The Common Environment for Comprehensive Project Delivery (<i>Munkebjergsalen</i>) Discover how the CONNECT Edition will help you improve project delivery. By leveraging a Common Environment you can productively integrate modeling and documentation workflows across disciplines for projects of any size and complexity. You can easily access, share, and manage all your data throughout the project and asset lifecycle. You can make better decisions with immediate feedback and clear insight made possible through complete visibility into design and project performance.			
14:20	<i>Bhupinder Singh, Senior Vice President, Bentley Software</i>			
14:30	A3 - CAD og GIS – forskelle, ligheder og muligheder Ofte vil der i projekter indgå data fra både CAD og GIS verdenen, og fra forskellige medarbejdere på hver deres platform. Når data skal fra CAD til GIS eller omvendt tager det ofte lang tid, eller der mistes information. For at få det fulde udbytte af begge verdener er det nødvendigt at kende ligheder og forskelle. Hvor ligger falderne, og hvordan kan man undgå dem. F.eks. hvis der designes i lokalt koordinatsystem, men man skal integrere med data i UTM eller System 34.	B3 - BIM Advancements for the Infrastructure Lifecycle BIM has advanced beyond 3D design and visualization. Join Bhupinder Singh, SVP Bentley Software as he discusses ever-expanding advancements for better performance assets through increasing depth of Information Modeling, and better performing projects through increasing breadth of Information Mobility.	C3 - Handover from ProjectWise to AssetWise When combined, ProjectWise and AssetWise provide an integrated project information and asset management environment which streamlines the process of and improves overall handover of data into systems used in operations. Learn about how you move your data from the production system to the asset management system.	D3 - Udnyttelse af MicroStation data på mobile enheder i Vejdirektoratet Hør hvordan Vejdirektoratet udnytter MicroStation data på iPads i diverse applikationer. Data som både kan tilgås af Vejdirektorats tilsyn, samarbejdspartnere og af helt almindelige borgere
15:20	<i>Morten M Sørensen, Niras</i>	<i>Karsten Pudzow, Bentley</i>	<i>Bill McNamara, Bentley</i>	<i>Torben Rasmussen, Vejdirektoratet</i>
15:30	Pause / Break			
15:45	A4 - Faaborg 3D Bymodel Hvordan kan der via de frie grunddata udarbejdes 3D bymodeller. I denne gennemgang arbejdes med de frie data. Hvad er nemt og hvad er udfordringen? Kom og se hvordan i denne live demo.	B4 - Innovations in Digital Workflows Leveraging digital information throughout the life of a project is a common goal for all, but finding a solution that allows information to be shared downstream from the office to the field remains a challenge. Niklas Thillgren from Bluebeam® will show the ways project teams are digitally collaborating and sharing access to information through the cloud, maintaining a single source of truth. Discover QA/QC workflows and manage holistic project sheets in Bluebeam Revu® and learn how to implement them within your projects. And find out how to integrate Revu with your DMS, including SharePoint® and ProjectWise®.	C4 - Rules Engine. Opsætning Hvordan opsættes Rules Engine? Og hvad skal man være opmærksom på? En case study fra det virkelige liv.	D4 - Why the Ribbon, navigating the user interface in MicroStation CONNECT Edition MicroStation CONNECT Edition delivers a brand new user experience. This modern, consistent and intuitive environment lowers the training threshold. The ribbon is an industry-standard layout for a user interface used by many applications including Microsoft Office and is comfortable to many users. Customization is provided through custom ribbon groups and tabs with the ability to easily switch between interfaces "on the fly". Master navigation of the user interface in MicroStation CONNECT Edition.
16:35	<i>Jan Thinglev Olsen, Geopartner</i>	<i>Niklas Thillgren, Bluebeam</i>	<i>Finn Mejding, Aktins</i>	<i>Mieke Pol, Bentley</i>
16:45	BentleyUser.dk - Generalforsamling 2014 (Skovsal A)			
17:45	Bentley Café (Salon 4) - et uformelt Café-arrangement, hvor du får mulighed for at møde og stille spørgsmål direkte til Bentleys udviklere, og tale med foreningens SIGformænd og ligesindede. - bring your questions to Bentley developers, meet the SIG chairmen and join the informal discussions.			
19:00	Drinks (<i>Munkebjergsalens foyer</i>)			
19:30	Middag / Dinner (<i>Munkebjergsalen</i>)			

	Tree-Top 1	Tree-Top 4	Fjordsalen	Mødelokale 4+6	Mødelokale 3+5
09:00					
09:30					
09:50					
10:40	P1 - Plant Keynote Get a status on current and coming releases of OpenPlant and AutoPLANT. Where is Bentley Plant heading?	W1 - MSTN WORKSHOP MicroStation CONNECT Edition - Hands on Come and have an exclusive look at the next major MicroStation release and get a chance to familiarise yourself with the new interface. (will also be repeated in W7)	E1 - Bentley Civil Keynote There have been a lot of exciting changes to the Bentley Civil products over the last few months and years. But let's face it, sometimes it's hard to keep up! As always, this session will bring you up to date on these changes as well as give you a glimpse into the future. If you want to know what's going on with Bentley Civil, this is the session for you!		MANDAG 9. NOVEMBER
11:30	Darren Guy, Bentley	Mieke Pol, Bentley	Ian Rosam, Bentley		
11:40	P2 - Bentley mobile solutions in a plant perspective Want to use tablets or phones to view plant data in the field? Want to know where to get the apps? Learn about Bentleys current portfolio of mobile apps and mobile application strategy.	W2 - MSTN WORKSHOP MicroStation & AutoCad interoperability I denne workshop ser vi på nogle smarte og meget hjælpsomme opstartsmuligheder som gør samspillet mellem MicroStation og AutoCad lettere. Desuden kigger vi på håndteringen af DWG-modeller og -sheets i MicroStation	E2 - Civil cells. Turbo roundabouts and conventional roundabouts This presentation will reveal some of the technical issues raised during the process of geometric design of roundabouts using Civil Cells in SELECT Series 3. The overview of functioning as well as the problems that occurred while creating and modifying Civil Cell elements will be presented from the point of view of a novice user.	F2 - Enhancements for Rail Design Let's take a look at the new Bentley Rail Track SELECTseries 4 which is now built with OpenRoads technology. This allows rail designer to enjoy the benefits of rich 3D modeling environment, design intent, and dynamic updating.	X1 - WORKSHOP QuickStart for Roadway Modeling Using OpenRoads Technology Fundamental - This course is for both new users and users upgrading from previous versions of PowerCivil, Power GEOPAK, MX, and Power InRoads software to use the OpenRoads Technology. You will learn to model the roadway corridor using an existing 2 lane urban typical section with curb and cutter and sidewalk, control the pavement with geometry, and review the 3D corridor model. You will also model a T intersection complete with curb returns and side slopes using a civil cell. Finally, you will place pavement markings on the model.
12:30	Darren Guy, Bentley	Lone Davidsen og Sven Ladefoged, COWI	Aleksandra Wilczyńska, DTU student	Rob Nice, Bentley	Jeff Martin & Ernst Vanbaaer, Bentley
12:30				Frokost / Lunch	
13:30				KEYNOTE: The CONNECT Edition: The Common Environment for Comprehensive Project Delivery (Munkebjergsalen)	
14:20				Blupinder Singh, Senior Vice President, Bentley Software	
14:30	P3 - OpenPlant Isometrics Manager for AutoPLANT advanced Administration and configuration of OPIM as well as customization of isometrics in an AutoPLANT context	W3 - BIM WORKSHOP Explore the possibilities with the AECosim Building Designer on a simple project This hands-on training teaches you an overview of the possibilities with the product including Architectural design, solar- and structural analysis	E3 - Den nye bane København-Ringsted - Erfaringer fra udbudspakker Som den første anlægsbygger i Danmark valgte Banedanmark at stille krav til samarbejde på tværs af leverandører, leverance af 3D modeller under hele processen, samt dokumentation af bygbarhed og sporbarhed. Indlægget beskriver erfaringerne fra brug af denne arbejdsmetode og hvordan processen er blevet en integreret del af godkendelsesprocessen fra udbud til udførelse og as-built.	F3 - Best Practice: Geometry This presentation provides best practices for working with OpenRoads geometry. Learn why design intent is important, when and how to use Civil AccuDraw, how to control the rules as well as import / export of native geometry.	X3 - WORKSHOP Terrain Modeling Intermediate - This workshop teaches how to display terrain models to view different source and computed features including boundary's, triangles, contours, and thematic height illustrations. You will also learn how to import graphic elements into terrain models, identify and fix terrain model problems, and combine multiple terrain models together.
15:20	Magnus Cullberg, Bentley.		Amir Bigdeli, konsulent for Banedanmark	Ian Rosam, Bentley	
15:30				Pause / Break	
15:45	P4 - OpenPlant Orthographics Manager OpenPlant Orthographics Manager is a useful tool in both OpenPlant and AutoPLANT. This is an introduction to the workflows, settings, configuration and customization options available in OPOM		E4 - 3D CADmodeller til maskinstyring og planlægning af jordarbejde Denne præsentation giver dig indblik i entreprenørernes verden; hvordan de anvender 3D modeller til optimering, planlægning og udførelse. Præsentationen indeholder en gennemgang af processen fra tilbud til udførelse og de udfordringer som begrænset digitalt projektmateriale skaber.	F4 - Best Practice: BentleyRail SELECTSeries 4 This presentation will provide the best practices to use with Bentley Rail Geometry and dynamic Corridor Modeling. The highlights will range from the fundamentals, enhancements offered in SELECTseries 4, leading into tips and tricks, and other advanced topics.	
16:35	Magnus Cullberg, Bentley.	Jonas Wahlberg, Bentley	Hjörður Sigurðsson, Spotland	Ian Rosam , Bentley	Ernst Vanbaaer & Rob Nice, Bentley
16:45					
17:45	Bentley Café (Havestuen)			Civil Café - Show, tell, and touch, Civil Mobile. (Fjordsalen)	
19:00				Drinks (Munkebjergsalens foyer)	
19:30				Middag / Dinner (Munkebjergsalen)	

	Skovsal A	Skovsal B	Skovsal C	Munkebjergsalen
09:00	KEYNOTE: MicroStation CONNECT Edition (Munkebjergsalen)			TIRSDAG
10:20	The new version of MicroStation CONNECT Edition is one of the most substantial releases in its history. During this presentation, Makai will explain the concepts behind its evolution and how it will help you better connect with project teams, create intelligent 3D parametric models, and more efficiently create accurate drawings, reports, and 3D deliverables. Makai Smith, Senior Product Manager, Bentley			10. NOVEMBER
10:30	A5 - Line of Sight profiler dannet ud fra GSTs punktskydata I forbindelse med lokalplanlægning i Lyngby måtte et nyt byggeri ikke kunne ses fra Eremitage Slotet. Ved hjælp af Lidar data fra GSTs udarbejdelse af DHM blev der dannet længdeprofiler til fastsættelse af højdegrænser for delområder i lokalplanen. Projektet er nomineret til året Bentley Inspire i kategorien Land Development. Live demo.	B5 - The new Navigator With Navigator your Model-based Review and Collaboration software, you can make better decisions, faster, throughout the lifecycle of a project, while reducing project risk. Demonstration of the brand new Navigator for Building designers and future development	C5 - ProjectWise and Civil3D ProjectWise is fully integrated with AutoDesk Civil3D, but there are some issues that needs special attention. Come and hear about the best pratices for ProjectWise integration with AutoDesk Civil3D	D5 - Functional Components: Capture Design Intent in MicroStation CONNECT Edition Come and learn what Functional Components are and why you should use them. Learn to add your Design Intent directly to your geometry so its behaviour responds to change. Learn how to stop modeling multiple variations of a 2D or 3D cell and start using a single Parametric Cell as the source of variations. Build up from constrained profiles to parametric solids, using variables to drive parametric cells, then create libraries of Functional Components ready to be placed in your designs. Makai Smith, Bentley
11:20	Andreas Kirkby, LE34	Jonas Wahlberg, Bentley	Mantas Nauseda, Bentley	
11:30	A6 - Metoder til at konvertere data mellem CAD og GIS i Bentley Map Metoder i Bentley Map til at konvertere GIS data til CAD data og vice versa. Anvendelsen af standard MapDefinition, MapDefinitions Export to Microstation og Promote. Le34 s værktøj til datakonvertering vises også.	B6 - AECOsim Building Designers to Analytical Space Model Learn how to use AECOsim Building Designer to create an Analytical Space Model (ASM) to be able to perform an Energy analysis on your project.	C6 - ProjectWise Deliverables Management with Project Performance Dashboards Managing Transmittal, Submittals, Request For Information (RFI's) and Transmittal Forms Letters with the new ProjectWise Deliverables Management.	D6 - Navigator CONNECT Edition Does your project have a need for design review and model collaboration across offices, sites, and the field? You will learn how the next generation - CONNECT of our popular Bentley Navigator application and Navigator Mobile app fulfill these project needs.
12:20	Anders Sorgenfri Jensen, LE34	Karsten Pudzow, Bentley	Susan Brandt & Darius Perminas, Bentley	Jonas Wahlberg, Bentley
12:30	Frokost / Lunch			
13:30	A7 - Bentley map Mobile, The story so far and beyond A new bunch of features have come to Bentley Map Mobile: Measuring tool, Snap and virtual mouse, incremental update of datasets, redlining, fieldnotes, and mark up, photos and videos geotagged etc. You are also going to hear what the plans are for the future of Bentley map Mobile, and Bentleys other mobile solutions.	B7 - Generative Components for ABD Introduction (Advancing BIM with Computational Design) In this session we take a look at the new GC - Generative Components integration in AECOsim Building Desinger and learn the first steps in creating a parametrical model	C7 - How to tune your ProjectWise Design Integration installation What can you do to make your installation run faster? Caching Server? Second Datasource? Second Integration Server? Second SQL server? And what about latency?	D7 - I-models Directly produce i-models on the desktop from your preferred design environment, including MicroStation, other Bentley or non-Bentley software products or via a free iWare plug-in, and through the Bentley i-model Composer But what is an I-model exactly? How are they created, and to which purpose?
14:20	Gijsbert Noordam, Bentley	Karsten Pudzow, Bentley	Marty Nickel, Bentley	Jonas Wahlberg, Bentley
14:30	Pause / Break			
14:45	A8 - Publish data to Bentley Map Mobile and get field redline and notes back Demo of the new Bentley Map Mobile Publisher which now is integrated into the Interoperability menu (former known as the GIS in- and export) See how redlines and markups are returned to Bentley Map	B8 - Dynamic Views vs. Cached Visible Edges This lecture will demystify the difference between a Dynamic view and a Cached view. It will outline the advantages of each and provide tips and tricks for managing your cached views.	C8 - Setting up I-model Composition Server With project information created in varying formats using multiple applications, i-model Composition Server enables users to aggregate that information into a common sharable format. Learn how you configure the i-model Composition Server when setting it up for generating i-models and PDF's	D8 - Enhancing annotation in MicroStation CONNECT Edition MicroStation CONNECT Edition continues to build upon an already broad and extensive portfolio of annotation tools. Discover new and enhanced annotation tools to more clearly communicate your designs. Improve project deliverables by consistently and precisely illustrating design intent with confidence and speed. Get a closer look at new and cool capabilities like placing Labels, Sheet Indexing, Notes, and Tables which will allow your team to better embellish a set of plans Makai Smith, Bentley
15:35	Gijsbert Noordam, Bentley	Karsten Pudzow, Bentley	Marty Nickel, Bentley	
15:45	Afslutning af Årsmøde - Nordic Civil will continue			
16:10	A9 - GeoSpatial SIG meeting An informal meeting where we talk about new and old issues, how-to and tips & tricks			
17:00				
17:10				
18:00	Anders Sorgenfri Jensen, LE34 Gijsbert Noordam, Bentley			
19:30	Middag (Fjordsalen)			

	Tree-Top 1	Tree-Top 4	Fjordsalen	Mødelokale 4+6	Mødelokale 3+5
09:00					
10:20					
10:30	P5 - I-model transformer See the power of i-model transformer and learn how to extract plant information from i-models or even modify them	W5 - WORKSHOP Digital Workflows with Bluebeam This workshop will provide participants with an overview of the key features of Bluebeam® Revu® and how to utilise Revu to electronically review a document and collaborate in real time. Learning Objectives: 1. Participant will be able to navigate the Revu interface by zooming, panning, viewing multiple-page documents, splitting screens and syncing the view, and opening up commands in toolbars and tabs. 2. Participant will be able to add a basic stamp to single and multiple sheets of a PDF, and create a custom stamp with dynamic information. 3. Participant will be able to use Bluebeam Studio to collaborate and share documents with others in real time.	E5 - Brug af SELECTseries 4 på Nordhavnsvej tilkoblingsanlæg Rambøll har i forbindelse med udarbejdelsen af Nordhavnsvejen, tilkoblingsanlægget ved Svanemøllehavn anvendt både InRoads SS2 og SS3/SS4. Denne præsentation vil tage udgangspunkt i de udfordringer og løsninger som har sikret at projektet kunne bevares i InRoads SS2, såvel som sikre udnyttelse af de nye værktøjer stillet til rådighed i InRoads SS3/SS4. Johannes Andersen, Rambøll	F5 - Corridor Modeling This presentation will provide the best practices to use Corridor Modeling successfully in the OpenRoads environment. The highlights will range from the fundamentals, enhancements offered in SELECTseries 4, leading into tips and tricks, and other advance topics. Ian Rosam, Bentley	X5 - WORKSHOP Working in BentleyRail SELECTseries 4 Learn and explore the new Bentley Rail Track SELECTseries 4. Examine how to use the geometrics contained in the ALG file in the new "OpenRail" modeling environment. This will include managing horizontal, vertical, and cant geometries with the new Corridor Modeling tools.
11:20	Magnus Cullberg, Bentley.	Niklas Thillgren, Bluebeam			
11:30	P6 - OpenPlant Support Engineering OpenPlant Support Engineering is a new tool to create realistic supports from a vast catalog and automatically generate support drawings		E6 - Erfaring i anvendelse af SS4 – eksempel med byggemodning I denne præsentation vises hvordan veje og stier i en byggemodning kan opbygges med OpenRoads. Der anvendes både traditionel corridor modeling og linear templates, herunder Orbicons erfaringer i brugen af OpenRoads.	F6 - Best Practice: Earthwork Volume Calculations No job is complete until you can provide the owner/operator the cost to make your design a reality. Civil projects are no different. Learn to see how the OpenRoads tools can provide the earthwork and material quantities for your next project.	
12:20	Magnus Cullberg, Bentley.		Martin Hansen, Orbicon	Jeff Martin, Bentley	Rob Nice & Ernst Vanbaaer Bentley
12:30			Frokost / Lunch		
13:30	P7 - Bentley Data Manager See how Data Manager can help you to be more efficient in your work with AutoPlant and OpenPlant, extended reporting capabilities, data management, datasheets etc	W7 - MSTN WORKSHOP MicroStation CONNECT Edition - Hands on Come and have an exclusive look at the next major MicroStation release and get a chance to familiarise yourself with the new interface. (repeating workshop of W1)	E7 - Advantages of Implementing Subsurface Utility Design and Analysis (SUDA) In this session we'll walk through the advantages of adding SUDA to your software solutions. We'll explore how to migrate to SUDA or how SUDA can enhance some current solutions. Finally, we'll explore some best practices for implementing SUDA.	F7 - Where Do I Start? Feature Definitions This presentation focuses on the fundamental aspects of understanding feature definitions within OpenRoads. It will explain what feature definitions are, how to create them, and how to use them in OpenRoads. Are you used to managing and/or editing the XIN-file in SELECTseries 2, this is the place to be for you when you move into SELECTseries 4.	X7 - WORKSHOP Cross Sections: Creating, Annotating, and Volumes Intermediate - This workshop teaches how cross section sheets are created and annotated, earthwork volumes are computed, and mass haul diagrams are formulated.
14:20	Magnus Cullberg, Bentley	Mieke Pol, Bentley	Jonathan Smith, Bentley	Rob Nice, Bentley	
14:30			Pause / Break		
14:45	P8 - How to work with Bentley support Understand the inner workings of the Product Advantage Group and how best to work with them. Learn what is new in Bentley Communities.	W8 - MSTN WORKSHOP Geo-coordination Integrating geospatial data from multiple sources is labor-intensive which can result in misalignment and out-of-context information. Master the ability to apply MicroStation's Geo-Coordination features to spatially reference your design geometry within a geodetic referencing system.	E8 - Save Time and Money with Subsurface Utility Design and Analysis (SUDA) Model See the drainage design capabilities of Subsurface Utilities Design and Analysis in action. See hydraulics calculations from basic to advanced, in one package. Hydraulic capabilities are integrated with OpenRoads, including high definition 3D Models	F8 - Creating a Realistic Model with Pavement Markings, Signs, and Other Objects It used to be that, in order to create a realistic 3D model, you had to be an expert. But now, with OpenRoads and MicroStation, every user can easily create high-quality renderings and animations. This session will cover the different toolsets used to make that happen.	
15:35	Darren Guy, Bentley	Mieke Pol, Bentley	Jonathan Smith, Bentley	Dan Ahern, Bentley	Ernst Vanbaaer & Ian Rosam, Bentley
15:45			Pause / Break		
16:10	SIG Farver MicroStation BIM Data Management Plant GEOspatial Civil Civil Workshops Tværfaglig		E9 - Design checks for Danish road and rail The way Design Checks work have changed significantly with the Open Roads Technology. Learn how the Danish Road and Rail Standards have been implemented and how a new style sheet will give you a report that may be sent directly to Banedanmarks Tekniske Drift as a documentation for the rail track. Marianne Rask, Vex / Li Peng, Niras	F9 - Best Practice: Scanned Data Capture it's value and use in the civil model Data capture is on the increase through a variety of formats. This session will explore these formats to allow the user to take advantages of wealth of information on offer without feeling overwhelmed managing them. Ian Rosam, Bentley	X9 - WORKSHOP QuickStart: Evaluating and Creating Subsurface Utilities Fundamental - This class introduces you to the evaluation tools for utilities, including labeling and reports. We run a clash detection job, and layout inlets and pipes
17:00			E10 - Best Practice: Large projects - working with reference files Take a look on how file federation will allow you to handle large projects. Examine how file structure and referencing can benefit you during a projects lifecycle. Also look into other factors that will streamline performance of models to aid you on starting new projects in way that they will scale to meet your needs as the project grows.		
17:10			Ian Rosam, Bentley		
18:00					
19:30			Middag (Salon 2+3)		Jonathan Smith & Jeff Martin, Bentley

TIRSDAG

10. NOVEMBER

	Tree-Top 1	Tree-Top 4	Skovsal A	Mødelokale 4+6	Mødelokale 3+5
		BENTLEYUSER PLUS-DAG WORKSHOP DAY		NORDIC CIVIL WORKSHOP	ONSDAG 11. NOVEMBER
09:00	P11 - WORKSHOP Context Capture Context Capture/Acute3D is a photogrammetric software that creates point clouds from digital photos, whether these are taken from a drone or a handheld camera. Learn how to use this new tool that soon will be an essential part of the point cloud workflow	W11 - WORKSHOP MicroStation CONNECT Edition LEARNing day In this all day Learning workshop, you will learn how to gain efficiencies in your project workflows using MicroStation CONNECT Edition You will have to sign up (W11) for the full day to take part in this all day Learning workshop	E11 - WORKSHOP Spatial function in ProjectWise Design Integration What is the spatial function and what can I use it for? Learn how to setup spatial maps, searches and symbology.	F11 - Keynote revisited? / Keynote on a closeup This presentation will look back at the Civil Keynote and provide open discussion on what CONNECT means for Bentley Civil. <i>Ian Rosam, Bentley</i>	X11 - WORKSHOP Templates Intermediate - This workshop covering Templates will focus on the definition of the template backbone, its use and editing for detailed corridor model design. You will gain an understanding of template construction and the governing rules that control the templates definition and how it applies in the model.
09:50		The workshop will begin with an explanation of the new ribbon interface in MicroStation CONNECT Edition to help you become comfortable navigating through the software and easily locate the tools you use every day. Continues below..		F12 - What's New in the Civil Workspace Explore several powerful enhancements made to the delivered Civil examples workspace. Custom view controls, 3D guardrail modeling and preliminary planning features, just to name a few. This is a must attend for anyone developing organizational workspaces. <i>Dan Ahern, Bentley</i>	
10:00					
10:50	Dan Cutler, Bentley	Mieke Pol, Bentley	Bill McNamara & Marty Nickel, Bentley		Jeff Martin & Ernst Vanbaar, Bentley
11:00	Pause / Break				
11:10	P13 - WORKSHOP Work with Point Clouds using the national wide free point clouds from the Danish Geodata Agency GeoDataStyrelsen have Lidar scanned all Denmark with a average point distance of 40 cm. This workshop we use Descartes (and maybe Pointools) to work with these free data sets.	W11 - Continued You will also learn at the MicroStation CONNECT Edition all day workshop how MicroStation's Property Driven Display, Annotation, Reports, and Sheets (part of the Documentation Center) can save you time and money when labeling, reporting, or changing the display of the elements or objects. You will learn how reporting extracts and presenting of data from property-based drawings ensure coordinated and consistent tables, exports to Excel, Bill of Materials, and more, based on your project conditions. Learn how Display Rules enable a set-and-forget environment where the geometry is always up to date.	E13 - WORKSHOP Automating metadata for better performance You can automate some of your metadata during project setup to achieve a better performance.	F13 - Best Practice: Terrain modeling This presentation provides best practices for working with OpenRoads terrain. During this session you will learn about the rules that define Terrain Models, the different Terrain Models types and how to manage Terrain Models. <i>Ian Rosam, Bentley</i>	X13 - WORKSHOP Using Civil Cells in OpenRoads Intermediate - This course is for both new users and users upgrading from previous versions of PowerCivil, Power GEOPAK, MX, and Power InRoads software to use the OpenRoads Technology in SELECTseries 3 & 4. You will learn the basics of placing civil cells. This includes gaining an understanding of what civil cell references are and how to use them in a practical workflow. You will learn to use the civil cells delivered with the product, as well as how to use civil cells taken from external sources and incorporate them into your models. You will learn to edit and re-use civil cells that have been placed within a model. Before completing this course, we recommend you complete both the QuickStart for Terrain & Geometry Using OpenRoads as well as the QuickStart for Roadway Modeling Using OpenRoads courses.
12:00					
12:10				F14 - Why are Integrated Civil i-Model's a Better Option to Exchange Data? Discover Bentley's integrated workflow for transportation design and construction. Explore the streamline process in taking your Bentley 3D OpenRoads models directly to a Civil i-Model. Bentley's new Infrastructure Consensus Model (ICM) will allow the contractor to use your design instead of recreating it from scratch.	
13:00	Dan Cutler, Bentley	Mieke Pol, Bentley	Marty Nickel & Mantas Nauseda, Bentley	Ian Rosam, Bentley	Rob Nice & Dan Ahern, Bentley
13:00	Frokost / Lunch				
14:00	P15 - WORKSHOP Using Point Clouds in Civil/Geo Workflows Learn how Descartes can assist in your civil workflow, with tools to define the class of points within the point cloud. You can geocoordinate point clouds, and extract linear features like rail, tunnels or roads. See how you can run clash detection.	W11 - Continued		F15 - WORKSHOP Bringing data from SELECTseries 2 to SELECTseries 4 This presentation led workshop discusses the best practices for moving existing project data to the OpenRoads environment. While importing the data is easy, there are considerations you need to make depending how the data will be used. We will discuss terrain models, geometry, Roadway Designer corridors, and much more. Please note that this workshop will take place in SKOV SAL A	X15 - WORKSHOP Modeling This presentation led workshop will help you get a Complete Model of your design. It is more than just grading a pad along a road, or designing a site that has a road. Come see how the tools offered in OpenRoads allows you to take your model to new limits by providing tools that are geared to bring your models to life.
14:50					
15:00					
15:50	Dan Cutler, Bentley	Mieke Pol, Bentley		Jeff Martin & Ernst Vanbaar, Bentley	Rob Nice & Ian Rosam, Bentley

UDSTILLING: Foreningen har også i år arrangeret en mindre udstilling i foyerområdet ud for Munkebjergsalen:



Bentley leverer omfattende softwareløsninger til hele infrastrukturens livscyklus, skræddersynet til behovene for ingeniører, arkitekter, planlæggere, entreprenører, operatører og driftorganisationer for bygninger til broer, transport til forsyning, ren energi til rent vand - Bentley opretholder infrastrukturen.



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Bluebeam Software laver smarte, enkle løsninger til papirløse arbejdsgange der udnytter PDF formatet. Vores prisvindende PDF-skabelse, markerings- og redigeringsløsninger anvendes af verdens førende arkitektvirksomheder, ingeniørvirksomheder, og konstruktionsfirmaer sammen med offentlige instanser.



Geopartner er Channel Partner for Bentley og tilbyder konsulentydeler og har et omfattende kursuskatalog i Bentley programmer primært i MicroStation, BentleyMap, PowerCivil for Denmark og Inroads med undervisningssteder i København, Aarhus og Esbjerg. Geopartner udvikler ligeledes produkter til mange forskellige platforme.



LIFA A/S Landinspektører's arbejdsområder ligger inden for indsamling, bearbejdning og præsentation af geografiske informationer, herunder fysisk planlægning, opmåling ved bygge- og anlægsarbejder mv., ejendomsdannelse og ændringer af ejendomsgrænser samt rådgivning i forbindelse med omsætning og drift af fast ejendom.



GEOTEAM leverer fuldstændige løsninger, instrumenter og software inden for 3D scanning, GPS og totalstationer samt maskinstyring til forskellige brancher.



LE34 leverer opmålinger, 3D scanninger og sælger avancerede GIS og CAD applikationer, herunder Bentley software. Sammen sikrer vi fuldstændige løsninger fra marken til slutresultat, hvad enten det er til mobilGIS, digitale planer eller 3D modeller.

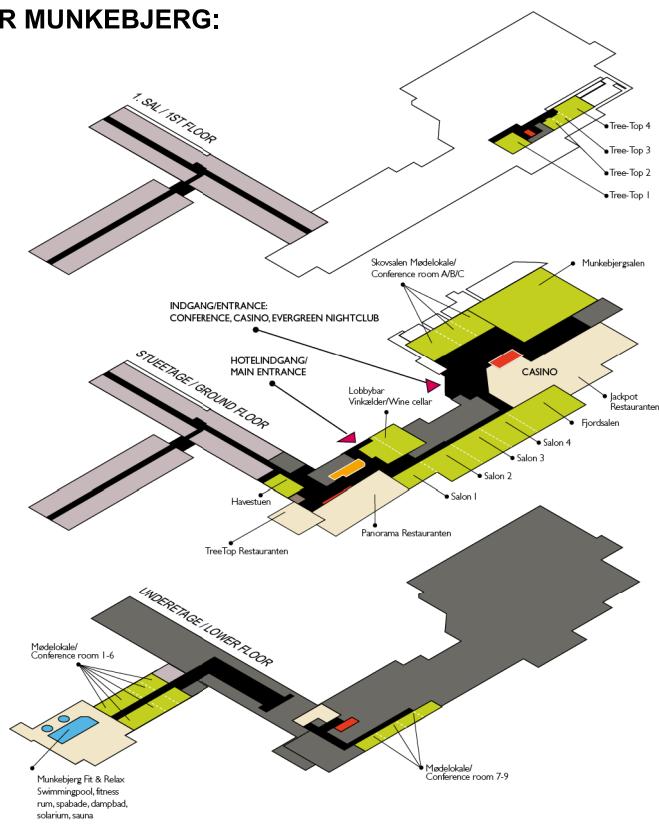


COWI anvender de nyeste teknologier og leverer digital dokumentation og opmåling af alt fra, byggeri og anlægsarbejder, til tekniske anlæg og installationer. Som del af en global rådgiver virksomhed, tilfører vi virtuelle miljøer til design og drift workflows og sikrer derved en problemfri udførelse, af en bred vifte af projekter world wide.



Terrasolid udvikler software til behandling af luftbårne og mobile LIDAR data og billeder til alle, der har brug for at behandle og udnytte 3D LIDAR data og billeder. Terrasolid applikationer er bygget oven på Bentley MicroStation platformen og Terrasolid tilbyder forskellige udgaver af sine software produkter, som kan kombineres i pakker skræddersyet til dine specifikke arbejdsforhold krav.

OVERSIGTSPLAN OVER MUNKEBJERG:



INDLÆGSHOLDERE OG DELTAGERE FRA BENTLEY:



Bhupinder Singh
Senior Vice President
Bentley Software



Jonas Wahlberg
Application Engineer
BIM



Bill McNamara
Director Product Management
Information Management



Jonathan Smith
Senior Product Engineer
Civil



Dan Ahern
LEARNING Consulting Manager
Civil



Karsten Pudziow
LEARNING Consultant
BIM



Dan Cutler
Application Engineer
GeoSpatiel



Magnus Cullberg
Application Engineer
Plant



Darius Perminas
Product Manager
ProjectWise



Makai Smith
Senior Product Manager
MicroStation



Darren Guy
Senior Application Engineer
Plant



Mantas Nauseda
Regional Manager
ProjectWise



Ernst Vanbaar
Application Engineer
Civil



Marty Nickel
Global PRT Lead
ProjectWise



Gijsbert Noordam
Senior Product Manager
GeoSpatiel



Mieke Pol
Senior Training Specialist
MicroStation



Ian Rosam
Senior Product Manager
Civil



Robert Nice
Senior Application Engineer
Civil



Jeff Martin
Senior Training Specialist
Civil



Stefan Sigvardsson
Account Director
Transportation & Local Infrastructure



Susan Brandt
Vice President ProjectWise
Collaboration Product and Services

bentleyuser.dk

bentleyuser.dk er en uafhængig brugerforening, hvis medlemmer benytter Bentleys programmer i deres professionelle virke. Foreningens formål er at formidle viden, kontakt og informationer til og mellem medlemmerne.

Det gøres dels gennem dannelse af interessegrupper - SIG'er - inden for forskellige emner, dels ved at understøtte medlemmernes ønsker og krav til Bentleys produkter.

En bestyrelse på 5 medlemmer varetager den daglige ledelse af foreningens virke og økonomi, mens SIG-formændene varetager den faglige udveksling bl.a. gennem SIG-møder, webformidling og arrangementer som dette Årsmøde.



Formand:

Carsten Ahm,
COWI

Tegner foreningen, har kontakt til leverandører og relevante foreninger, sikrer afholdelse af generalforsamlinger og står for foreningens rejsearrangementer.



Næstformand:

Michael Jepsen,
Sweco

Formandens stedfortræder, står for Årsmødekoordinering, koordinering af SIG'arbejdet, samt af øvrige foreningsmøder.



Sekretær:

Anette Persson,
Københavns Universitet

Referent på foreningsmøder, udsender mødeindkalder til bestyrelsес- og formandsmøder, vedligeholder medlemsregister og dokumentarkiv, står for det praktiske arrangement ved Årsmødet.



Kasserer:

Claus Johannessen,
PLH Arkitekter

Løbende regnskab, årsregnskab og budget, kontingentopkrævning og betalinger.



Web/Marketing:

Michael Friis Ørsted,
Københavns Lufthavne

Drift, vedligeholdelse og udbygning af foreningens hjemmeside.



BIM SIG

Formand Mikkel Bennedbæk, Atkins

Formål: At skabe et forum for brugen af intelligente designmodeller, samt at styrke forståelsen af arbejdsgange forbundet med BIM, særligt i forhold til arbejdsgangen: fra model til virkelighed og visa versa.

Ligeledes at styrke det digitale samarbejde imellem aktørerne i byggeri og anlæg, for projekterende, udførende, myndigheder, offentligheden og bygnings- og anlægsejere.



Civil SIG

Formand Lene Westh, Rambøll

Formål: At skabe et forum for de medlemmer, som til daglig arbejder med Bentleys anlægsrelaterede applikationer. At formidle information og udveksle viden inden for Bentleys anlægsrelaterede applikationer. At videregive medlemmernes ønsker til leverandøren og herved være med til at præge produktudviklingen efter brugernes ønsker.



Data Management SIG

Formand Finn Mejding, Atkins

Formål: Muligheden for at diskutere data håndtering i et bredt forum. Erfaringer vedr. dokumenthåndtering og vedligeholdelsessystemer med udgangspunkt i ProjectWise og AssetWise. Desuden diskuterer SIG'en de udfordringer applikationer der er understøttet i dokument- og vedligeholdelsessystemerne giver.



GeoSpatial SIG

Formand Anders Sorgenfri Jensen, LE34

Formål: At skabe et forum for GEO SIG'ens medlemmer for at udveksle erfaringer og viden inden for Bentley Geospatial produkter, samt GEO-relaterede arbejdsområder med udgangspunkt i Dataudveksling med andre systemer, Databaser, ideer og erfaringer med fremstilling af konkrete produkter, Dataadministration af GEO-data mv.



MicroStation SIG

Formand Morten Sørensen, Vejdirektoratet

Formål: At udveksle brugererfaringer om Microstation
At skabe et brugernetværk om Microstation.



Plant SIG

Formand Kenn Boemann Hansen, NIRAS

Formål: At skabe et forum for udveksling af erfaring og viden inden for Bentley Plant produkter så som OpenPlant, AutoPLANT, PlantSpace og generelle plant-værktøjer.



Plot SIG

Formand Frank Møller Christensen, Rambøll

Formål: At skabe et forum for PLOT SIG'ens medlemmer for at udveksle erfaringer og viden inden for Bentleys plotteprodukter ProjectWise InterPlot Organizer, ProjectWise InterPlot Server, Digital Print Room, ProjectWise Dynamic Plot, ProjectWise InterPlot Driver Packs, MicroStation Print Organizer mv., samt for publicering af intelligente digitale dokumenter og håndtering af plottere og anden hardware.

TID:

Mandag d. 9. november kl. 9.00-19.00
Tirsdag d. 10. november kl. 9.00-18.00
Onsdag d. 11. november kl. 9.00-16.00

STED:

Munkebjerg Hotel,
Munkebjergvej 125,
7100 Vejle

Telefon +45 76 42 85 00
www.munkebjerg.dk



PRIS:

Medlemmer af bentleyuser:

Mandag-tirsdag - 1 middag og 1 overnatning: 4.100,- d.kr.
Mandag-onsdag - 2 middage og 2 overnatninger: 5.700,- d.kr.

Hvis du ikke ønsker overnatning,
reduceres prisen med 300,- d.kr. pr. sparet overnatning.

Ikke medlemmer:

Tillæg for ikke medlemmer 1.000,- d.kr.



TILMELDING:

Senest fredag d. 23. oktober 2015

Tilmelding via foreningens webside: www.bentleyuser.dk

Tilmelding er bindende.

Hotelværelser tildeles efter først-til-mølle-princippet.

Når alle værelser på Munkebjerg er besat, vil senere tilmeldte blive tildelt værelse på et andet hotel i nærheden.

Der bliver arrangeret gratis bustransport mellem hotellerne.

