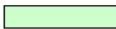|	Skovsal A	Skovsal B	Skovsal C	Munkebjergsalen
09:00	Kaffe og registrering / Coffee and registration			**MANDAG**
09:30	Velkomst ved formand Carsten Ahm, COWI *(Munkebjergsalen)*			**5. NOVEMBER**
09:45	Bentley Keynote			
	Guest star from Bentley - not yet finally approved, so prepare for a surprise ..			
10:45	**A1 - New functionality in Bentley Descartes** This session will highlight the new Point Cloud tools and Scalable Terrain model functionality within Bentley Descartes SELECTseries 3.	**B1 - Publishing update** This presentation will cover the latest ProjectWise InterPlot, Dynamic Plot, and Dynamic Composition Server V8i (SELECTseries 4) releases.	**C1 - AECOsim Building Designer** The dream to move from a conceptual design through to a detailed BIM in AECOsim Building Designer is now a reality. Learn how this can be achieved and what the benefits are to the construction process and the operations of a facility.	**D1 - A 360 degree review of 3D in MicroStation** This lecture for the experienced MicroStation user offers an excellent overview of the wide range of 3D modeling capabilities available in MicroStation V8i. It describes which combination of these modeling toolsets is most effective for different types of designs.
11:35	*Keith Raymond, Bentley*	*Jo Terri Wright, Bentley*	*Alan Lamont, Bentley*	*Chris Bober, Bentley*
11:45	**A2 - Whats new in Bentley Maps SELECTseries 3** This session will highlight the new capabilities. Improvements in Interoperability, specifically SQL Server Spatial and WFS will be shown.	**B2 - ProjectWise med Revit og AutoCAD** Get good advice and new tips on how to handle, among others, Revit and AutoCAD in ProjectWise	**C2 – Konceptuelt Design / Skitsering** Med AECOsim Building Designer kan BIM værktøjer også anvendes i skitsefasen! Først udnytter vi eksisterende informationer om byggegrund, terræn og omgivelser. Vi skitserer derefter i 2D og 3D, og følger herunder med på arealer, sol og skyggeforhold. Endelig udnytter vi skitsen til at skabe den første BIM-model med vægge og dæk.	**D2 - Effects Manager** This session will show how the Effects Manager will revolutionize the way you work in scenes with multiple light sources. The Effects Manager allows you to have infinite control over your lights in a post process so you can dial in your lighting in real-time from daytime to nighttime and everywhere in between. If you have ever tried to render a scene that has both solar and source lights you will not want to miss this session.
12:35	*Keith Raymond, Bentley*	*Gary Scerni, Bentley*	*Lars Moth-Poulsen, Bentley*	*Jerry Flynn, Viz Product Manager Bentley*
12:45	Frokost / Lunch			
13:30	KEYNOTE: Chris Bober will move you - talking about MicroStation and Mobility .. This annual meeting wouldn't be the same without Chris to guide us through new features, exciting stuff, and secret rumors from inside the Bentley company. Don't miss this session with the latest from MicroStation and from Bentley. And as always don't be afraid to bring your own questions.			
14:20	*Chris Bober, Bentley*			
14:30	**A3 - Introducing Bentley Map VBA Development** In this session attendees will be provided an introductory look at what is required to begin developing custom MicroStation VBA applications for the Bentley Map platform. An overview of the "XFM Feature Toolkit" (XFT) will be provided to familiarize you with the Bentley Map XFM object model. A number of sample Bentley Map VBA applications will be discussed and demonstrated, showing common techniques used to create, locate and edit XFM feature instances.	**B3 - Moving to MicroStation Print Organizer** MicroStation V8i (SELECTseries 3) now allows you to attach InterPlot Design Scripts when plotting from Print and Print Organizer. By utilizing the latest printing features in MicroStation and the InterPlot Settings Files equivalent called Print Styles, it is easier than ever to move to MicroStation Print and Print Organizer.	**C3 – Project Explorer** ProjectExplorer er et effektivt værktøj, som både hjælper med at sammensætte tegninger blot ved at trække modellerne direkte ind på tegningen, men også giver dig et sikkert overblik over projektets workflow og alle de modeller, som indgår. På den måde er Project Explorer indgangen fra MicroStation eller AECOsim Building Designer til dine projekter.	**D3 - Visualizing With MicroStation** Getting the visualization recipe right is Jerry's simple cookbook approach on setting up cameras, lighting, render setting and materials. This session will cover the new visualization enhancements added to V8i SELECTseries 3 such as Auto Gamma Correction, Solar Path Tool, Stencil Tool, Layered Environments and more - and how they can speed your visualization workflow to obtain fantastic renders.
15:20	*Jeff Bielefeld, Bentley*	*Jo Terri Wright, Bentley*	*Lars Moth Poulsen og Jonas Wahlberg, Bentley*	*Jerry Flynn, Viz Product Manager Bentley*
15:30	Pause / Break			
15:45	**A4 - Udfordring ved brug af punktskyer.** Med udgangspunkt i konkrete projekter, heribandt genopførelsen af den bevaringsværdige "KB-hallen" ser vi på, hvordan punktskyer kan anvendes som projektgrundlag. Vi vil komme ind på hvad en punktsky indeholder, og hvilke særlige udfordringer man har med at håndtere punktskyer og trække relevante data ud. Der vil endvidere blive lagt fokus på forskellen på at arbejde med punktskyer og traditionelle opmålinger.	**B4 - ProjectWise med i marken** Live demo af anvendelse af ProjectWise Explorer og Navigator i marken. Hvordan ser det ud, når man skal arbejde med tegninger og modeller gennem ProjectWise på en Ipad	**C4 - ProConcrete for MicroStation** The introduction of ProConcrete. See all of the parametric capabilities for common building element types such as beams, columns, slabs, walls, foundations, and irregular-shaped objects. The discussion includes bar schedules and drawing production, and how rebar data is sent to automated shearing and bending machines directly from the 3D model among others Bridge design.	**D4 - See Your Design Differently** Stuck in always viewing your design in Wireframe? In this session you will learn how to use MicroStation's powerful display engine to present your model in a variety of helpful ways based on element attributes, properties and position through display styles. Also learn about the newly introduced thematic visualization tools, which are great for DTMs and pointclouds.
16:35	*Niels Koefod Nielsen, LE34*	*Lars Moth Poulsen, Bentley*	*Gernot Jeromin, Bentley*	*John Frampton, Bentley*
16:45	BentleyUser.dk - Generalforsamling 2010 (Skovsal A)			
17:45	**Bentley Café** - 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 yor questions to Bentley developers, meet the SIG chairmen and join the informal discussions			
19:00				
19:30	Middag / Dinner			

	Tree-Top 1	Tree-Top 4	Fjordsalen	Mødelokale 4+6	Mødelokale 3+5
09:00 09:30 09:45	**BENTLEYUSER**		**NORDIC CIVIL**		**MANDAG** **5. NOVEMBER**
10:45 11:35	**P1 - Bentley Plant Directions** Hvad sker der med plant produkterne de næste par år? Hvilke nye funktioner kan vi se frem til? Er fremtiden ren OpenPlant eller vil Bentley fremover stadig understøtte AutoPLANT? Er PlantSpace helt fortid? *Inge-Magnar Olerud, Bentley*	**W1 - WORKSHOP** **Opsætning af Dynamic Views** Dynamic View er i SELECTseries3 endnu mere bygget på, at "nogen" skal have lavet nogen fornuftige opsætninger først. Principperne for Dynamic Views gælder dog for hele MicroStation. Kom derfor og lær om de opsætninger, der gør, at tegningen næsten laver sig selv automatisk. *Tine Lai Andersen, Bentley*	**E1 - Bentley Civil Keynote** Welcome to the Nordic Civil User Conference. This keynote will provide an overview of the new features of Bentley Civil SELECTseries 3 products, as well as the benefits they will bring users. *Mike Wilson, Bentley*		**X1 - WORKSHOP** **Introduction to Roadway Designer for InRoads and Rail Track - SELECTSeries 2, Beginner level** This introduction hands-on workshop provides the basics for getting started with Bentley's InRoads Roadway Designer
11:45 12:35	**P2 - Plant Product Update - AutoPLANT & OpenPlant** New features in AutoPLANT SELECTseries 4 such as AutoPLANT & Navigator Model Review Design Synch, Jacketed Piping Module, new 64-bit .NET controls, AutoCAD 2012 support including MEP and Architecture and enhanced Briefcase mode support for ProjectWise. *Darren Guy, Bentley*	**W2 - WORKSHOP** **Views** Lær nyt eller få repeteret: DisplaySet, Saved Views, Groups, Clip Volumen, og alt hvad der ellers har med Views at gøre. Tine Lai Andersen, fra Bentley guider dig trygt igennem. *Tine Lai Andersen, Bentley*	**E2 - Bentley Civil - Looking Into the Future Beyond SELECTseries 3** What is Research and Development doing now? This presentation will answer this question and more, as it looks to the future to see what may be coming from your Bentley Civil Development Team. *Jay Vose, Bentley*	**F2 - "5 spørgsmål om koordinatsystemer, du ville ønske, du aldrig havde stillet!"** En let og munter gennemgang af koordinatsystemer og projektioner, samt de genvordigheder og hovedbrud som anvendelse af de 14 danske officielle koordinatsystemer kan give. *Erik Wirring, Landinspektørfirmaet LE34*	*Rob Nice, Bentley*
12:45			Frokost / Lunch		
13:30 14:20			KEYNOTE: What's new in MicroStation .. *Chris Bober, Bentley (Munkebjergsalen)*		
14:30 15:20	**P3 - Bentley AutoPIPE** AutoPIPE is a comprehensive solution for the stress analysis of industrial piping systems such as in Oil & Gas, Power/Energy, Nuclear Plants. Design to 29 international codes (ASME B31, EN13480, SNIP, DNV.). It offers intuitive graphical environment and engineering tools to check loads on equipments and supports. Interface with major CAD systems. *Badreddine Ziane, Structural Group*	**W3 - WORKSHOP** **PointClouds in Descartes** The workshop will focus on the new point cloud tools within Bentley Descartes SELECTSeries 3. Specifically the snapping and draping tools will be used in conjunction with the Visual Explorer. Workshop will be in english. For ALL MicroStation users *Keith Raymond, Bentley*	**E3 - Roadway Designer: Resurfacing, Restoration, and Rehabilitation (SELECTseries2)** Roadway Designer provides a complete set of tools for overlay, grinding and milling, resurfacing, and smoothing – tools that adress all facets of rehabilitation. This presentation will focus on Roadway Designer capabilities for developing "what-if" scenarios to determine the best solution that combines engineering, experience, and cost. *Joe Waxmonsky, Bentley*	**F3 - Subsurface Utility Design and Analysis** Get an early look at Bentley Civil Subsurface Utility Design and Analysis (SUDA) which will replace Storm&Sanitary - and learn how it will help you consolidate and manage buried utilities in a single model, ultimately decreasing design projects uncertainty. *Jay Vose, Bentley*	**X3 - WORKSHOP** **Moving to SELECTseries 3 for InRoads Users (Intermediate)** What does it take to move to SELECTseries3? What steps do you follow? What is the impact to users, to standards, and to you? This hands-on workshop is a must for CAD managers and anyone else who is moving their InRoads users forward to SELECTseries3.
15:30			Pause / Break		
15:45 16:35	**P4 - Bentley Support** Damien Mulligan, Director of Bentley TSG (Technical Support Group) for Europe, Middle East and Africa will present an overview of Technical Support, how to contact TSG and how they can help you make the most of Bentley products. He can discuss feedback for Technical Support. If you have some, please provide your discussion topics in advance *Damien Mulligan, Bentley*	**W4 - WORKSHOP** **BIM, Best Practises / Workflow** AECOsim Building Designer process fra Model til Tegninger Tips and Tricks *Jonas Wahlberg, Bentley*	**E4 - Hvordan lærer man ingeniørstuderende at bruge InRoads på 3 uger?** Hvordan er det muligt at undervise elever uden CAD-erfaring at bruge InRoads, samtidig med geometrisk vejprojektering, når undervisningen skal foregå på både dansk og engelsk? *Marianne Rask, DTU*	**F4 - Power Rail Overhead Line - SELECTseries2** In this presentation, we will review the overall functionality of Power Rail Overhead Line and touch upon the most recent enhancements. We will discuss how to best adapt the product, so that you can get a quicker return on your investment. *Richard Bradshaw, Bentley*	*Mike Wilson, Bentley*
16:45					
17:45 19:00			**Civil Café** - Bring your questions to this session and receive an answer from the Bentley Civil staff		
19:30			Middag / Dinner		

	Skovsal A	Skovsal B	Skovsal C	Munkebjergsalen
09:00	**KEYNOTE: The London CrossRail Project** The CrossRail project in London is a massive project involving almost every dicipline in the industry. Hear about how such a multi dicipline project is beeing handled with Bentley software. Malcom Taylor, Industry Sales Director (Munkebjergsalen)			**TIRSDAG** **6. NOVEMBER**
10:20	**Pause / Break**			

	Skovsal A	Skovsal B	Skovsal C	Munkebjergsalen
10:30 **11:20**	**A5 - Visualisering af punktskyer og ortofoto i Descartes** Kom og se hvordan man kan forvandle en grå og kedelig punktsky til en virkelighedsnær 3D visualisering af en flyvetur langs jernbanen mellem Lejre og Vipperød. Med introduktionen af STM (scalable terrain models) i Bentley Descartes er det nu blevet meget nemmere at fremstille visualiseringer med højt opløselige ortofoto draperet på terræn. *Morten Sørensen, Niras BlomInfo A/S*	**B5 - PW Administrator** Tips og Tricks in administrator module. Learn about hidden features and new tools - and maybe get rid of old habits. *Gery Scerni, Bentley*	**C5 – DK Dataset anvendt i AECOsim Building Designer** Hvad enten du er Arkitekt, Konstruktions- Ventilations- eller VVS-ingeniør, så er det i AECOsim Building Designer det samme dataset, der bruges. Se hvordan det virker, hvilke udfordringer det giver og har givet ved opsætning, og hvorledes man kan migrere fra V8i og over til at benytte AECOsim Building Designer. *BygSIG + Lars Moth-Poulsen, Bentley*	**D5 - Tips og tricks** En tur rundt i hjørnerne af MicroStation til de små gode steder, hvor tricksene til en mere effektiv hverdag med MicroStation ligger gemt. *Tine Lai Andersen, Bentley*
11:30 **12:20**	**A6 - Bentley Map Customization** This session provides information on various techniques that can be used to customize the Bentley Map environment to increase productivity of data capture and maintenance workflows. Using the Bentley Geospatial Administrator, attendees will be shown a number of techniques that can further extend the intelligence of their XFM data model and the resulting data capture. *Jeff Bielefeld, Bentley*	**B6 - Bentley Transmittals** Have you ever been in ProjectWise and needed a way to send out drawings, then this is a session you should not miss. For the first time a live demo, showing how Bentley Transmittals works. *Gery Scerni, Bentley*	**C6 - Succesfulde projekter i 2012 kræver økonomisk ansvarlighed.** At styre budgettet, skabe seriøs forståelse og kunne forberede produktionen er blevet afgørende parametre. Præsentationen vil fortælle, hvorfor Sigma Estimates er den perfekte opgradering fra regnearket - fra flad 2D til multidimension, fra uintelligente celler til objektbaseret forståelse af det du arbejder med. *Mads Peder Jacobsen, CodeGroup A/S*	**D6 - Civil Visualization** This session covers enhancements in V8i SELECTseries 3 to make civil visualization and animation so easy, that even a novice user can get great results. The Stencil tool, Populate tool and Traffic Simulation tools will be demonstrated along with how to create fur shader based grass and flowers or even weeds. Setting up Environments, fog, creating realistic water and using new solar path tool will also be shown. *Jerry Flynn, Viz Product Manager Bentley*
12:30	**Frokost / Lunch**			
13:30 **14:20**	**A7 - Bentley Map og Oracle Spatial Database** Anvendelse af Bentley Map opkoblet på Oracle Spatial Database. Eksemplificeret ved projekt vedrørende placering af solpaneler. *Rune Tvilum , "Lsp Hvenegaard og Jens Bo"*	**B7 - ProjectWise SelectSeries 4 in Action** Lufthavnen fortæller om deres opgradering til SelectSeries 4, Hvad er der af fede ting i SelectSeries 4? - Bentley løfter sløret for deres næste release. *Michael Ørsted, Københavns Lufthavne Gery Scerni, Bentley*	**C7 – Digitale Afleveringer ved brug af AECOsim Building Designer** 2D tegninger som papir og PDF-filer er selvfølgelige produkter fra en BIM model, og IFC er et anerkendt format for 3D aflevering. Udover disse kan AECOsim Building Designer levere mange andre "produkter". Vi viser en række inspirerende eksempler, herunder visualiseringer, animationer, 3D PDF, i-modeller m.m. *Lars Moth Poulsen og Jonas Walhberg, Bentley*	**D7 - Predicting real world performance of your design** Increasingly project teams need to predict the realworld performance of designs quickly and with precision to maximize the achievement - such as a building that uses less energy or a plant that produces more output and less pollution. Learn about the latest innovations in MicroStation that allow you to simulate your design's performance. *Chris Bober, Bentley*
14:30	**Pause / Break**			
14:45 **15:35**	**A8 - The all new import of survey data into Bentley Map** Data from allmost any survey instrument, from a various of data formats, can be imported into Bentley Map. Features, attributes and terrain models ca easily be created. *Keith Raymond, Bentley*	**B8 - AssetWise og eB** Bygningsejer eller administrator, samt rådgivere af disse, kan her få en chance for at se Bentleys løsninger indenfor Asset og Facility håndtering *Steen Læssøe, Bentley*	**C8 - Google og simuleringer med MicroStation** In MicroStation, Google can be used to review your design in Google Earth or Map, populate it with models from Google Warehouse, or publish it for others to see in Google Earth. Also learn how to take advantage of new simulation capabilities to explore the solar exposure and shading of your models based on location and time of year. *John Framton, Bentley*	**D8 - ProSteel** Bentley's ProSteel is a 3D modeling environment for structural steel and metal work supporting your construction and planning tasks. From initial planning and design to assembly, ProSteel is a comprehensive software built by engineers experienced with steel design. *Gernot Jeromin, Bentley*
15:45	**Afslutning af Årsmøde - Nordic Civil will continue**			
16:10 **17:00** **17:10** **18:00**	**A9 - GEO SIG møde** Emne fastlægges endeligt senere. *Jeff Bielefeld, Bentley GeoSpatial og Erik Wirring, Landinspektørfirmaet LE34*	**B9 - PLOT SIG møde (Roundtable discussion)** På dette møde vil vi diskutere de forhold, som vi til dagligt arbejder med, taler om eller går og ønsker at vi havde indflydelse på. Mødet vil spænde bredt, og en del af mødet vil være en videokonference med repræsentanter for udviklingsgruppen for plotteprodukterne. Et par uger før mødet vil du kunne finde agendaen for mødet på www.bentleyuser.dk under PLOT SIG. *Jo Terri Wright, Bentley og Frank Møller Christensen, Rambøll*		**SIG Color Legend:** MicroStation/3D VIZ Plotting Building Data Management Plant GEOspatial Civil Cross Disciplines Civil Workshops MicroStation Workshops
19:30	**Middag (Salon I+II)**			

Time	Tree-Top 1	Tree-Top 4	Fjordsalen	Mødelokale 4+6	Mødelokale 3+5
09:00 — 10:20	**BENTLEYUSER**		**NORDIC CIVIL**		**TIRSDAG** / **6. NOVEMBER**
10:30 — 11:20	**P5 - Bentley Navigator for Plant** To view, explore, visualize and communicate your design is a vital part of any plant project. This session will mainly focus on how Navigator can add value to the plant design process. Darren will also tell us about the optimized i-models for the iPad and the i-model plugin for Adobe Reader. *Darren Guy, Bentley*	**W5 - WORKSHOP** **ProjectWise Dynamic Composition Server** På dette 2 timers kursus vil du lære, hvordan du konfigurerer, administrerer og benytter ProjectWise Dynamic Composition Server til at skabe digitale dokumenter, såsom PDF dokumenter, direkte fra ProjectWise Explorer uden brug af MicroStation Print eller IPLOT. Du vil lære om de grundlæggende opsætninger, og hvordan du interaktivt eller automatisk kan skabe PDF udgaver af dine dokumenter. Du vil også lære, hvordan du automatisk kan styre plotningen, således at dokumentet viser i hvilken fase/workflow dokumentet befinder sig. *Arne Mortensen, Bentley*	**E5 - SELECTseries 3: Geometry** Dynamic, interactive, associative, and relative – Bentley Civil geometry has entered a whole new world! This session will cover the creation, editing, and symbolization of geometry as well as import of legacy data into the new geometry paradigm and export to native data structures. *Jay Vose, Bentley*	**F5 - Power Rail Track presentation SELECTseries2** In this presentation, we will review the overall functionality of Power Rail Track and touch upon the most recent enhancements. We will touch upon turnouts in a bit more detail. This discussion will be expanded in the hands-on Rail Track Workshop. *Richard Bradshaw, Bentley*	**X5 - WORKSHOP** **SELECTseries 3, Terrain Modeling (Beginner)** This hands-on workshop will introduce users to the new terrain modeling tools in Bentley Civil. To help you incorporate this new, advanced technology into your everyday workflows, you will learn how to create terrain elements and make the most of templates and styles to best display your design.
11:30 — 12:20	**P6 - Bentley LEARN** Bentley har samlet mange af sine kurser og lærringsres-sourcer på Bentley LEARN, og sat det hele i system med "learnings paths". Få et indblik i hvad Bentley tilbyder dig af kurser og uddannelse, og se hvordan du kan sætte det i system. Husk dit SELECT login og password. *Tine Lai Andersen, Bentley*		**E6 - Transitioning to SELECTseries3 Workflows** With the release of Bentley Civil SELECTseries 3, numerous questions come to mind. What can you use natively, and what do you transition into? This presentation will provide the basis for developing your plans to implement and utilize the exciting the new tools delivered in SELECTseries 3. *Mike Wilson, Bentley*	**F6 - Site Optimization Modeling Will Set You Apart!** The ability to stand above the competition has become increasingly difficult. Come and see how engineering firms, both large and small, are using Site Optimization Modeling to exceed their clients' expectations and win more projects. *Jay Vose, Bentley*	*Rob Nice, Bentley*
12:30			**Frokost / Lunch**		
13:30 — 14:20	**P7 - WORKSHOP** **Celler** Celler er mere end et symbol. Genopdag alt det du kan med celler: Fields, tags, annotaion scale, 3D, shared celler, google, pattern etc. Bentley's Tine Lai vil gøre dig til ekspert på området. *Tine Lai Andersen, Bentley* **P7a EKSTRA se nedenfor**	**W7 - WORKSHOP** **MicroStation Visualisering** Med din grundlæggende viden om visualisering vil Jerry og Brian gennemgå en workshop hvor du kommer dybere ind i visualiserings værktøjerne. Mon ikke Jerry har noget spændende i baghånden.	**E7 - Det digitale anlæg** Anvendelse af digitale værktøjer i et anlægsprojekt giver mulighed for nye arbejdsgange. Men hvordan håndteres de stigende informationsmængder samt udveksling af data mellem projektets parter? I indlægget gøres status på aktiviteter for at gøre anlægsprocessen mere digital - både internt, men også eksternt i branchen. *Rasmus Fuglsang, Vejdirektoratet*	**F7 - Administering Bentley Civil Software** An insightful look at user responsibilities for configuring and maintaining Bentley Civil products. Attendees will learn how to create tasks and custom workflow menus; work with DGNLIBS to set up preferences and apply basic skills to create element templates, filters, etc. For all Bentley Civil advanced users. *Mike Wilson, Bentley*	**X7 - WORKSHOP** **Civil Design Review: 3D Modeling and Clash Detection (Intermediate)** Many Bentley users have been creating 3D information-rich, spatially-correct modeling for years. Others are just becoming aware of the ease, power, and availability of 3D modeling. This hands-on workshop will help you take better advantage of your civil information modeling, especially on such tasks as drainage clash detection.
14:30			**Pause / Break**		
14:45 — 15:35	**P8 -WORKSHOP** **Build your 3D skills** In this workshop, get hands-on training on the basics of surface modeling, feature modeling, and generative design using MicroStation V8i. Find out how to combine the various modeling tools to produce a wide range of complex 3D forms. *Tine Lai Andersen, Bentley*	*Jerry Flynn, Bentley og Brian Sheldon, Ag5*	**E8 - SELECTseries 3: Terrain Modeling - Part 1** With SELECTseries3, the DTM becomes an integral part of the 3D model with the DTM stored in the DGN. Scalable, transportable, dynamic and exceptionally fast, the new DTM element is ready for use. In this presentation you will learn how to create, display, and utilize the new terrain modeling. *Jay Vose, Bentley*	**F8 - De første brugererfa-ringer med SELECTseries 3** Beta test af InRoads SELECTseries 3 har været i gang hen over sommeren og efteråret, og nu kan du høre om, hvordan den nye version er at arbejde med. Fokus vil være på et ændret workflow og hvordan man kommer godt i gang med den nye version. *Michael Jepsen, Grontmij* **F8a EKSTRA se nedenfor**	*Joe Waxmonsky, Bentley*
15:45			**Pause / Break**		
16:10 — 17:00	**P7a - "At se eller ikke at se"** **BEMÆRK:** **Kl. 13.30-14.20 i Lokale 11** Vi diskuterer forskellige CAD viewere til Plant brug. Tag gerne en PC med, hvis du vil vise, hvordan I kigger på Plant filer i din virksomhed. *Henrik Hauge Thomsen, Union Engineering*		**E9 - SELECTseries 3 Technology Preview: Terrain Modeling - Part 2** An overview for InRoads, MX, and GEOPAK users transitioning from TINs and DTMs to the new terrain element within MicroStation. Converting legacy data, transitioning styles, and handling multiple terrain models within DGN. *Jay Vose, Bentley*	**F8a - New Efficiencies in Bridge Modeling** **BEMÆRK:** **Kl. 14.45-15.35 i Lokale 11** This presentation previews the Power Platform-based, 3D parametric bridge modeling software, PowerBridge Modeler. PBM offers custom bridge definition tools and more. *Shri Bhide, Bentley*	**X9 - WORKSHOP** **Power RailTrack Workshop SELECTseries2** In this hands-on workshop you will learn about turnouts and how the software uses these geometric objects. You will start with how to create and manage your turnout library and what are the computational differences between the various methods. You will then learn how to use the turnouts to create cross-overs and other geometry.
17:10 — 18:00			**E10 - SELECTseries 3: Corridor Modeling** The evolution of Roadway Designer continues into Corridor Modeling. This presentation will show the new advancements, including creating mesh elements, editing of point controls and more. *Joe Waxmonsky, Bentley*	**F10 - 3D modellering på København-Ringsted** Modellering i fuld 3D kontra traditionel bane- og vejprojektering. Tegningskoncept ved krydsende konstruktioner. Erfaringer med Dynamic Views, udvikling af værktøjer i VBA mv. *Mikkel Bennedbæk, Atkins*	*Richard Bradshaw, Bentley*
19:30			**Middag (Salon I+II)**		

	BENTLEYUSER	NORDIC CIVIL		ONSDAG
				7. NOVEMBER

Time	Tree-Top 1	Fjordsalen (E)	Fjordsalen (F)	Mødelokale 3+5
09:00 – **09:50**	**Y11 - COURSE** **Bentley Map Development Kursus** Kurset omhandler primært applikations udvikling i C# til Bentley Map. Ligeledes udvikling af dll'er i C (MDL) til udvidelse af funktionaliteten i C# samt Best-Practice i kombinationen af C# og C. Kurset foregår på engelsk og kendskab til Visual Studio og C# må anses for ønskeligt. Underviser er Jeff Bielefeld Technical Manager for Bentley Map API og XFT.com med videre.	**E11 - SELECTseries 3:** **Advanced Corridor Modeling** The advancements for Corridor Modeling in SELECTseries3 are just too many to cover in a single presentation; however, this advanced session will provide an overview of new concepts and capabilities for using reference files, targeting graphics, using design file clipping, and much more. *Joe Waxmonsky, Bentley*	**F11 - SELECTseries 3:** **Let's Talk Subsurface Utilities** In this interactive session we will discuss and demonstrate many of the ideas and concepts contained in the next generation subsurface utilities products. Be prepared to discuss your thoughts and ideas during this discussion.	**X11 - WORKSHOP** **SELECTseries 3 Horizontal Geometry (Beginner)** This hands-on workshop will provide introductory training for the creation, manipulation, and annotation of new vertical geometry in Bentley Civil SELECTseries 3. Can you live without dialogs and menus? You will never want to go back after learning to use the new intuitive, context-sensitive vertical geometry tools.
10:00 – **10:50**		**E12 - SELECTseries 3:** **Non-Corridor 3D Modeling** Not all 3D modeling is a corridor, but Bentley Civil tools work just as well for non-linear tasks. This presentation will take a look at many of the non-linear modeling tasks that can be undertaken using the same tools you use for corridor modeling. *Mike Wilson, Bentley*	*Jay Vose, Bentley*	*Rob Nice, Bentley*
11:00		Pause / Break		
11:15 – **12:05**		**E13 - SELECTseries 3:** **Civil Cells** Many engineering tasks include similar workflows with varying parameters, for example intersections and roundabouts. Bentley Civil is developing methods for these "similar-but-different" designs that will allow you to develop standards with parametric settings. This presentation will introduce the concept of "civil parametric cells", and the possibilities are only limited by your imagination. *Jay Vose, Bentley*		**X13 - WORKSHOP** **Advanced Geometrical Layout for Compound and Reversed Curves (Advanced)** How do you create compound and reverse curves? It is a good question and one often received at the Bentley Civil Help Desk. Get the best answer and more at this hands-on workshop which will provide detailed instruction regarding the various methods and tools available in Power InRoads for creating advanced geometry such as compound and reverse curves
12:15 – **13:05**	*Jeff Bielefeld, Bentley*	**E14 - InRoads - Advanced template techniques** One template can do everything you need. This session will highlight some of the more advanced features in the Template Designer: Labels, Display rules and other advanced constraints built into one single template. *Adam Ryan Boyd, COWI*		*Richard Bradshaw, Bentley*
13:15		Frokost / Lunch		
14:00 – **14:50**	**Y11 - Continued (to 16:00)** Kurset holdes igennem Bentley og koster DKK 3.400 ex.moms. Pr. kursusdeltager. Særskilt faktura fremsendes af Bentley Institute. Man kan godt deltage alene i kurset onsdag, uden at deltage i det øvrige arrangement. I givet fald tilmelder man sig direkte til Bentley. Deltagere i Årsmødet har fortrinsret i tilfælde af overtegning.	**E15 - Roadway Designer and Superelevation (SELECTseries 2)** This presentation will cover defining, editing, and applying superelevation. Whether by equation, table or key-in, Roadway Designer can handle all methods and types of superelevation, transition, run-off, and application. *Rob Nice, Bentley*		**X15 - WORKSHOP** **SELECTseries 3:** **Corridor Modeling (Beginner)** This hands-on workshop will provide Bentley Civil users initial training on the new Corridor Modeling capabilities. If you have mastered Roadway Designer, nothing is lost - it has just got a lot easier and more interactive. If you have struggled with Roadway Designer, struggle no more! Corridor Modeling is here.
15:00 – **15:50**		**E16 - NCUC Conference Evaluation and Civil Update** This session will round off this years NCUC and give you the chance to evaluate the conference, pose your questions to the Bentley people, and hear more about the future of Bentley Civil. *Mike Wilson, Bentley og Rasmus Fuglsang, Vejdirektoratet*		*Joe Waxmonsky, Bentley*