

09:00
10:00
10:20

Registrering og morgenbrød (Munkebjergsalens foyer)
Velkomst og formandens beretning, *formand for bentleyuser.dk Michael Jepsen (Munkebjergsalen)*
Keynote(*Munkebjergsalen*)
Thoughts about AI and Chat GPT - what does Bentley think about these technologies and where will we use it in our infrastructure projects (TBC)

TBC, Bentley Systems

11:10
11:20

Salon 3	Munkebjerg salen	Skovsal A	Fjordsalen	Salon 4	Skovsal B+C (Workshop)	Treetop (Workshop)
Pause / Break						
<p>A1 # DM Niveau: Alle ProjectWise powered by iTwin</p> <p>Data Management Keynote: update on ProjectWise powered by iTwin and Bentley Infrastructure Cloud UI</p> <p>Dan Cutler, Bentley</p>	<p>B1 #MS Niveau: Alle MicroStation 2023 - hvor kommer vi fra, og hvor er vi på vej hen</p> <p>MicroStation er og bliver hovedmotoren, bag meget af Bentleys software. En stor del af Bentleys software-udvikling tager derfor rod i MicroStation, og den fremtidige retning for mange af de øvrige programmer, defineres af udviklingen i MicroStation.</p> <p>Få en gennemgang af hvad der er sket af ny-udvikling i MicroStation siden sidste år, og hvor Bentley lægger kræfterne for den udvikling der ligger foran os.</p> <p>Hvilken retning bevæger udviklingen sig i, hvad skal vi være opmærksomme på og hvilke muligheder og potentiale ligger udnyttet hen i programmet.</p> <p>Anders Wandall, LIFA</p>	<p>C1 #GEO #BIM #CIVIL Niveau: Alle Punktskyen bliver til en 3D bro</p> <p>Bruger indlæg - Scan to BIM - eksempel på en bromodel</p> <p>afventer svar fra Ryan vedr. indlæg og Rune hvis det bliver et brugerindlæg</p> <p>Christian Nielsen, Zenith Landmåling</p>	<p>D1 #CIVIL Niveau: Alle Drawing with MicroStation for Civil Designers</p> <p>In the MicroStation there are a host of placement tools that allow you to create new drawing elements efficiently and accurately using tools such as Place SmartLine, Place Circle, Create Region, and others.</p> <p>AccuDraw is an intuitive drawing aid that helps you to define exact distances and angles while creating new elements or manipulating existing ones.</p> <p>In this course, you will utilize the Place SmartLine tool along with the aid of AccuDraw for precision placement of the lines which will make up the subdivision for your project.</p> <p>Ronald Zeike, Bentley</p>	<p>#E1 #CIVIL Bentley Civil Keynote</p> <p>Join representatives from the Bentley Product Management team for an overview of what's new in the latest releases and what will be coming soon with Bentley civil design software products.</p> <p>Ian Rosam, Bentley</p>	<p>W1 #CIVIL Niveau: Alle Creating and Editing Centerline Geometry</p> <p>In this course, you will learn how to create and edit horizontal and vertical geometry using various tools and techniques. You will be defining the horizontal and vertical geometry for River Rd. You will also learn how to make changes to the River Rd. geometry and how to make changes to the existing geometry for Mountain Highway and Pike Rd.</p> <p>Robert Nice + 1, Bentley</p>	<p>Z1 #CIVIL Niveau: Alle Designing Gutters/Inlets to Convey Runoff</p> <p>In this class you will learn how to place inlets with catchment delineation, and how to calculate and collect the runoff from a road surface. You will also learn how to evaluate whether the inlet efficiencies, and the spread widths of the flows along the road edge are acceptable, and adjust the design to achieve this.</p> <p>Jonathan Smith + 1, Bentley</p>

12:10

Frokost / Lunch

13:10

<p>A2 #GEO #CIVIL Niveau: Alle Vejdirektoratets geodata</p> <p>Vejdirektoratet etablerer og benytter mange geodata til både anlæg og drift af vores veje. Vejdirektoratet har de seneste år oplevet en stor vækst i anlægsprojekter affødt af Infrastrukturplan 2035, og det forsætter i mange år fremover. Vi oplever desuden et stigende behov for flere og mere detaljerede data bl.a. pga. øgede krav til afvanding og 3D / BIM-projektering.</p> <p>I mit indlæg vil jeg give et kort overblik over vores vigtigste geodata-samlinger og ellers fokusere på de geodata der etableres til at understøtte vores anlægsprojekter samt de indsamlingsmetoder og behandlinger vi udfører på data.</p> <p>Svend Elgaard, Vejdirektoratet</p>	<p>B2 #DM #BIM Niveau: Alle ProjectWise 2023 Client and Server</p> <p>Dan Cutler, Bentley</p>	<p>C2 #BIM #DM Niveau: Alle iTwin: Design Review og validering for begyndere</p> <p>Brugererfaringer med Design Review: - Hvordan man laver granskning/review i iTwin - Lær hvad forskellen er på de forskellige begreber, eks. "Design Issue" vs. "Design Review" - Eksempel på arbejdsgang i et KS workflow</p> <p>Egenskabs- og design validering: - Clash-kontrol, How-to ... - Regelbaseret tjeks, hvad er det? Hvordan gør man?</p> <p>Marco Tecedor, SYSTRA</p>	<p>D2 #CIVIL Niveau: Alle OpenRoads Tips og tricks</p> <p>Kom og hør de OpenRoads tips og tricks, vi ikke nåede at give på SIG-dagen.</p> <p>Marianne Rask, Vex og Signe Hedegaard, Vejdirektoratet</p>	<p>E2 #CIVIL Niveau: Alle With OpenRoads Designer an ordinary design becomes your interoperable data</p> <p>OpenRoads Designer models are filled with data, but it is the ability to enrich the model with custom attribution and share all of that data through digital twin technology that brings a new level of interoperability and collaboration to project delivery. Using Item Types, the terminology and information that is most important to you becomes part of that interoperable data. This ability to instill custom attributes, such as pay items and specification details into the model, coupled with the iTwin cloud-based collaborative environment, ensures that the value of the design isn't lost during the project delivery process and enhances downstream activities within the project lifecycle.</p> <p>Ian Rosam, Bentley</p>	<p>W2 #CIVIL Niveau: Alle Creating and Editing Centerline Geometry</p> <p>W1 continued.</p> <p>Robert Nice + 1, Bentley</p>	<p>Z2 #CIVIL Niveau: Alle Designing Gutters/Inlets to Convey Runoff</p> <p>Z1 continued</p> <p>Jonathan Smith + 1, Bentley</p>
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14:00

Pause / Break

	Munkebjerg salen	Salon 3	Skovsal A	Fjordsalen	Salon 4	Skovsal B+C (Workshop)	Treetop (Workshop)
14:10	A3 #MS Niveau: Alle MicroStation Tips & Tricks Tips og tricks sessionen er ligesom Disney's juleshow. Du vil få rusket op i en masse af de gamle tricks, og med glimt i øjet tænke "nåååh ja den er også god den der". Der vil være lidt for enhver, alt det bedste, alt det der virker og naturligvis også noget nyt og spændende, som du ikke har set før. Og hvem ved - måske er årets nyeste tips & tricks, lige nøjagtigt det der gør, at du kommer til at arbejde bedre, hurtigere og mere optimalt.	B3 #CIVIL Niveau: Alle CAD-fremtiden i Banedanmark Martin Laursen, Banedanmark	C3 #BIM #MS Niveau: Alle Hvad skal vi med klassifikation? En status fra BIM-Infra. Lidt baggrund, hvor giver det værdi og hvor skal vi hen? Der vil være mulighed for dialog undervejs. tovholder: Mikkel (bruger)	D3 #GEO #BIM Niveau: Alle Presentation iTwin Capture portfolion presentation iTwin Capture portfolio	E3 #CIVIL Niveau: Alle OpenRoads - Item Type Fundamentals - Part 1 In this session you will learn about the fundamentals of using Item Types in OpenRoads Designer. Topics: <ul style="list-style-type: none"> Item Type Properties Pick Lists Custom Property Types Calculated Properties Expression Builder Lookup Expression 	W3 #CIVIL Niveau: Alle Creating and Manipulating the Corridor In this course, you will create a roadway corridor and then explore the many tools and techniques to edit and manipulate the corridor. We will take a look at how to add multiple templates drops along the corridor as you encounter intersections, driveways and turn lanes and how to edit and copy template drops in lieu of creating a new template. We will show how to make the corridor follow edge of pavement geometry using point controls and corridor references. You will learn how the secondary alignment tool aids in changing the direction of template processing as it applies to point controls and corridor reference elements. You will also learn how to use parametric constraints to override default template values for pavement depths, curb heights, shoulder slopes and ditch widths and how to use the clipping reference tool to clip out a portion of your corridor. We will take a look at how corridors interact with other corridors by learning how to use target aliasing to seek corridors. And finally we will show how to create end condition exceptions in areas that require a different type of end condition solution.	Z3 #CIVIL Niveau: Alle Designing Pipes to Convey Runoff This course will look at how to design pipes to convey the runoff that was collected by inlets to an outfall. The pipes will be placed with an initial size and slope, then they will be designed to optimize them hydraulically.
	Dennis Høyer, OJ Rådgivende Ingeniører	Martin Laursen, Banedanmark	Morten Damm, Banedanmark	TBC, Bentley	Dan Ahern, Bentley	Kevin Jackson + 1, Bentley	Jonathan Smith + 1, Bentley
15:00	Kaffe pause / Coffee break						
15:20	A4 #MS Niveau: Alle Hverdags programmering i MicroStation Ofte udfører vi en såkaldt "repetitiv proces" når vi sidder med vores CAD-værktøjer. Dette kan føles befriende i perioder hvor man trænger til at koble hovedet lidt fra, men på den lange bane, bliver det trivielt og risikoen for fejl, øges i takt med antallet af gentagelser. Kom og hør om de forskellige muligheder i MicroStation for at scripte dig ud af processer, lige fra et helt simpelt "command script" til en decideret program kodedet i C#. (Nb. delvis gentagelse af indlægget på Bentley User dagen) Tovholder: Mikkel	B4 #CIVIL Niveau: Alle DanDasGraf til D&U Jens Ring Andersen, Rambøll	C4 #GEO #BIM Niveau: Alle Hvordan får man modeller til projektledeisen? Public online visualisering af google earth. Hvordan får man sine modeller ud til "alle"? iTwin, OCPlanner, Construction Cloud	D4 #BIM Niveau: Alle ProjectWise powered by iTwin (admin) This session will cover the administrative side. Topic like entitlements, project roles but also steps needed to setup an iTwin connection from ProjectWise.	E4 #CIVIL Niveau: Alle OpenRoads - Item Type Fundamentals - Part 2 In this session, we will focus on how to use Item Types with civil data and show how you can leverage Item Types for quantities and reporting. Topics: <ul style="list-style-type: none"> Item Types with Feature Definitions Single Source of Truth Propagation, Prioritization, and Conflict Resolution Asset Manager Annotation and Labeling Display Styles and Display Rules Items Browser Reports 	W4 #CIVIL Niveau: Alle Creating and Manipulating the Corridor W3 continued.	Z4 #CIVIL Niveau: Alle Designing Pipes to Convey Runoff Z3 Continued
	Mikkel Bennedbæk, SYSTRA	Jens Ring Andersen, Rambøll	Morten Sørensen, NIRAS	Satin Seymour, Bentley	Dan Ahern, Bentley	Kevin Jackson + 1, Bentley	Jonathan Smith + 1, Bentley
16:10	Pause / Break						
16:20	BentleyUser.dk - Generalforsamling 2023 (Skovsal A)						
17:30	SIG Café Et uformelt Café-arrangement, hvor du får mulighed for at og tale med foreningens SIGformænd og ligesindede (Fjordsalen & Salon 4)						
19:00	Drinks og middag / Dinner (Se app for shuttlebusafgange) (Munkebjergsalen)						

09:00

KEYNOTE

**TIRSDAG
7. NOVEMBER**

Farshad Kholghi, Foredragsholder, skuespiller og forfatter (Munkebjerg salen)

10:20

Pause / Break

10:30

Salon 3	Munkebjerg salen	Skovsal A (workshop)	Fjordsalen	Salon 4	Skovsal B+C (Workshop)	Treetop (Workshop)
<p>A5 #CIVIL Niveau: Alle Banedanmarks brug af Revizto på projekter med Bentleys software</p>	<p>B5 #BIM Niveau: Alle iTwin whats new</p>	<p>C5 #MS #GEO #CIVIL Niveau: Alle Annotating Design</p> <p>Annotation, such as text, dimensions, labels, patterns and hatching, help design features stand out. It is critical to a design by providing the means to communicate pertinent information and design intent. In this course, you learn to use annotation scale with a variety of tools to place text, dimensions and cells. You will utilize features such Text Styles, Fields, and Favorites. Place Notes, Callouts and Tables. As well as, place Hatching and Patterning. This course contains exercises that utilize methods to embellish a set of site plans.</p>	<p>D5 #MS #CIVIL #GEO Niveau: Alle 3D Knockout - OpenCities Map vs. OpenRoads</p> <p>Jagten på de mest konkurrencedygtige CAD værktøjer til opgaver i bygge- og anlægsbranchen! - 5 Cases med masser af praktiske tips og tricks til 3D tegning.</p> <p>Michael fra Geopartners maskinstyringsteam arbejder i spændingsfeltet mellem flere af Bentleys programmer, og udnytter på bedste vis styrkerne i både OpenCities og OpenRoads, når han navigerer mellem landinspektør- og ingeniørbranchen, med opgaver i hele værdikæden, lige fra opmåling af eksisterende forhold over projektering af nye forhold og datakonvertering til maskinstyring for udførsel.</p> <p>Kom og hør ham fortælle om fordele og ulemper mellem programmerne, både når det kommer til dataimport, bearbejdning, modellering og eksport.</p>	<p>E5 #CIVIL Niveau: Alle Why OpenRoads Designer for Drainage and Utilities</p> <p>A presentation about why OpenRoads should be part of your Drainage and Utilities workflow. In today's BIM world, a 3D model of drainage and utilities is becoming a necessity. However, road design, drainage design and utilities modelling are often done by separate teams, with different software. This siloed approach can lead to a lack of coordination between disciplines, costly mistakes from out-of-date data, and missed opportunities to find and address conflicts.</p>	<p>W5 #CIVIL Niveau:Alle Defining Template Components and Constraints - Rail</p> <p>This course teaches how to create templates and components for those complex project situations that require more than simply modifying existing templates. This course focuses on creating rail components and templates.</p>	<p>Z5 #CIVIL Niveau:Alle Drainage Plans, Profiles and Cross Sections</p> <p>In this course, you will learn how to create and annotate plan, profile and cross section sheets. You will learn how to create Named Boundaries that will be used to generate plan, profile and cross section sheets. You will also learn about drawing models and sheet models that are used during the sheet creation process. Lastly, you will learn how to add individual annotations to label specific location coordinates, station-offset values, elevations, and more.</p>

Navn, Banedanmark Ernst van Baar, Bentley Ronald Zeike, Mark Thomas, Bentley Michael Hoff Adamsen, Geopartner TBC, Bentley Robert Nice + 1, Bentley Jonathan Smith + 1, Bentley

11:20

Pause / Break

11:30

<p>A6 #GEO #CIVIL Niveau: Alle Manage your road project in iTwin Capture Manage & Extracts</p> <p>Tips and tricks to semiautomatic or automatic extract road stripes and road borders from pointclouds or images. The session shall show howto use different methods to extract the features. For example usages of Orbit, ContextCapture, Microstation or other Bentley software to extract the features. Both in 2D and 3D.</p>	<p>B6 #DM Niveau: Alle ProjectWise PowerShell tips & tricks</p> <p>PowerShell vises i forhold til ProjectWise. Små shell scripts til ProjectWise, som gør hverdagen lettere.</p> <p>Det kunne eks. være: Tilpasning af brugerinstillingerne for 500 brugere, konvertering af IMS-brugere til logiske brugere og vice versa, tilpasning rettigheder, mv.</p>	<p>C6 #MS Niveau: Alle Annotating Design</p> <p>Workshop #C5 Annotating Design Continued</p>	<p>D6 #CIVIL Niveau: Alle CIVIL BRUGER #6</p>	<p>E6 #CIVIL Niveau: Alle Geometry Rules and Relationships</p> <p>Understanding Geometry parent/child relationships, how to build geometry in such a way that it maximizes efficiency when dealing with design changes.</p>	<p>W6 #CIVIL Niveau:Alle Defining Template Components and Constraints - Rail</p> <p>W5 Continued</p>	<p>Z6 #CIVIL Niveau:Alle Drainage Plans, Profiles and Cross Sections</p> <p>Z5 Continued</p>
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TBC, Bentley Henrik Hedegaard, SYSTRA Ronald Zeike, Mark Thomas, Bentley Navn, Firma Dan Ahern, Bentley Robert Nice + 1, Bentley Jonathan Smith + 1, Bentley

12:20

Frokost / Lunch

13:20

Salon 3	Munkebjerg salen	Skovsal A (workshop)	Fjordsalen	Salon 4	Skovsal B+C (Workshop)	Treetop (Workshop)
A7 #CIVIL Niveau: Alle Egenskabsdata i civil modeller via itemtypes	B7 #BIM Niveau: Alle Anvendelsesmuligheder og overvejelser af iTwin Er iTwin kun for store infrastruktur projekter? De fleste har fået øjnene op for, at iTwin kan håndtere de helt store 3D fællesmodeller, der efterhånden har nået en størrelse, hvor de CAD-applikationer næsten ikke kan åbne modellerne mere. Men giver det mening på de lidt mindre projekter med begrænset økonomi og ressourcer og kan iTwin helt erstatte de tidligere værktøjer for Design Review?	C7 #MS Niveau: Alle MicroStation Drawing tools MicroStation contains a wide variety of element placement tools ranging from circles and arcs to various types of polygons, points, complex curves and more. MicroStation allows us to combine differing types of "simple" elements to create complex designs. Just as a master carpenter benefits from having a comprehensive set of tools at his or her disposal, so you will benefit by broadening your knowledge of the various element placement tools found in MicroStation. A tool fit for the job is better than trying to force a tool to fill a role it is not meant for. This course contains exercises to further enhance your drawing skills by mastering the use of some of these additional types of drawing tools.	D7 #GEO #MS Niveau: Alle Baggrundskort til MicroStation modeller Geodata - WMS/WMTS/WFS nationale datasæt (dataforsyningen) Hvad er Bingmaps, Google Map og SDFI? Eksempler på højdekurver, ortofotos og andre services med fokus på hvad man som bruger kan bruge og hvad man skal være opmærksom på.	E7 #CIVIL Niveau: Alle Using Civil Cells	W7 #CIVIL Niveau: Alle Site Modeling and Non-Corridor Modeling The intent of this course is to demonstrate how to turn 2D elements into 3D elements by adding profiles and elevations to civil elements that are typically found outside the limits of a roadway corridor (i.e. civil sites, building pads, parking lots, ponds, infield grading, bridge abutment grading, etc.) In this course you are going to learn how to create 3D elements (or features) and Proposed Terrains using fundamental site modeling and non-corridor modeling techniques. We will utilize the vertical geometry tools along with linear templates and the terrain modeling tools throughout this course. In the first part of the course you are going to learn how to grade a cell tower site that is made up of a tower pad, yard and driveway. The second part of the course you will learn how to create an infield pond between corridors.	Z7 #CIVIL Niveau: Alle Importing Drainage from Excel Data In this course, you will learn how to use ModelBuilder connections and mappings to import drainage data from Excel spreadsheets and build a 3D drainage model. You will then learn how to use ModelBuilder to import updated spreadsheets to update the 3D model.
Thomas Nissen, Vejdirektoratet	Steffen Bach/Mikkel Bennedbæk, SYSTRA	Ronald Zeike, Mark Thomas, Bentley	Rune Halkjær Kudsk, LIFA	Ian Rosam, Bentley	Kevin Jackson + 1, Bentley	Jonathan Smith + 1, Bentley

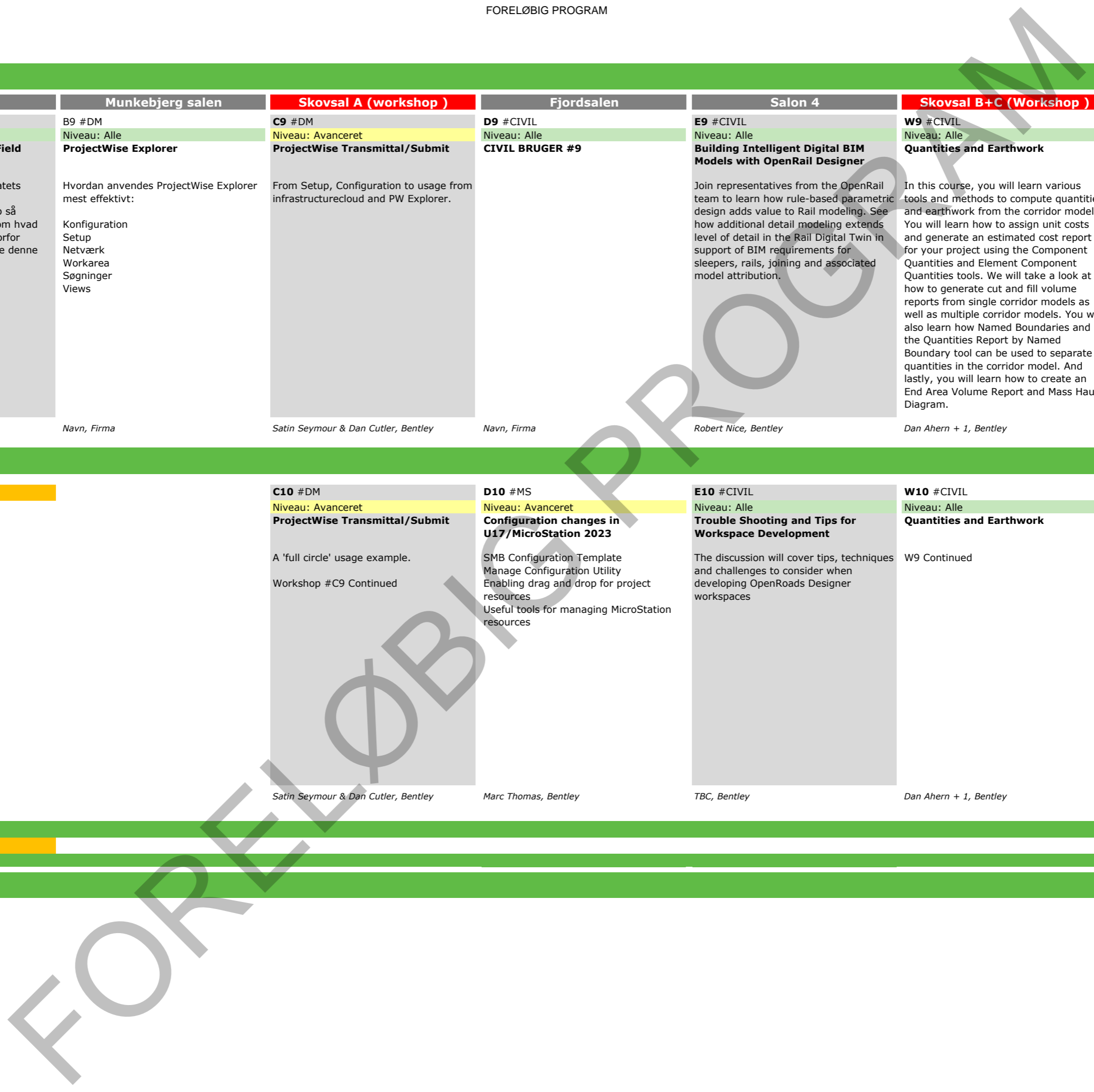
14:10 Kaffe pause / Coffee break

14:30

A8 #GEO Niveau: Alle Drone inspektion af bygværker	B8 #BIM Niveau: Avanceret iTwin: Design Review og validering - et stik dybere... Brugererfaringer med Design Review: - Hvordan man laver granskning/review i iTwin - Lær hvad forskellen er på de forskellige begreber, eks. "Design Issue" vs. "Design Review" - Eksempel på arbejdsgang i et KS workflow"□ Egenskabs- og design validering: - Clash-kontrol, How-to ... - Regelbaseret tjeks, hvad er det? Hvordan gør man?	C8 #MS Niveau: Alle MicroStation Drawing tools Workshop C7 Continued	D8 #CIVIL Niveau: Alle CIVIL BRUGER #8	E8 #CIVIL Niveau: Alle Digital Workflows For Track Maintenance Workflows With OpenRail Designer See and learn how digital surveys (point clouds/lidar) can be utilized to support track design and maintenance BIM workflows. This session will also cover advances with multi element regression and geometry connector that provide benefits to address track designs and upgrades, including typical yard vertical design and standard deliverable requirements.	W8 #CIVIL Niveau: Alle Site Modeling and Non-Corridor Modeling W7 Continued	Z8 #CIVIL Niveau: Alle Importing Drainage from Excel Data Z7 continued
Navn, Firma	Marco Tecedor, SYSTRA	Ronald Zeike, Mark Thomas, Bentley	Navn, Firma	Robert Nice, Bentley	Kevin Jackson + 1, Bentley	Jonathan Smith + 1, Bentley

15:20 Pause / Break

	Salon 3	Munkebjerg salen	Skovsal A (workshop)	Fjordsalen	Salon 4	Skovsal B+C (Workshop)	Treetop (Workshop)
15:30	<p>A9 #BIM Niveau: Alle Synchro Control og Synchro Field</p> <p>Få en gennemgang i Vejdirektoratets Synchro Control/ -Field setup. Vi ser på alle de smarte (og knap så smarte) funktioner, og snakker om hvad Synchro Control/ -Field er og hvorfor Vejdirektoratet har valgt at bruge denne samarbejdsplatform.</p> <p>Morten Sørensen, VD</p>	<p>B9 #DM Niveau: Alle ProjectWise Explorer</p> <p>Hvordan anvendes ProjectWise Explorer mest effektivt:</p> <p>Konfiguration Setup Netværk Workarea Søgninger Views</p> <p>Navn, Firma</p>	<p>C9 #DM Niveau: Avanceret ProjectWise Transmittal/Submit</p> <p>From Setup, Configuration to usage from infrastructurecloud and PW Explorer.</p> <p>Satin Seymour & Dan Cutler, Bentley</p>	<p>D9 #CIVIL Niveau: Alle CIVIL BRUGER #9</p> <p>Navn, Firma</p>	<p>E9 #CIVIL Niveau: Alle Building Intelligent Digital BIM Models with OpenRail Designer</p> <p>Join representatives from the OpenRail team to learn how rule-based parametric design adds value to Rail modeling. See how additional detail modeling extends level of detail in the Rail Digital Twin in support of BIM requirements for sleepers, rails, joining and associated model attribution.</p> <p>Robert Nice, Bentley</p>	<p>W9 #CIVIL Niveau: Alle Quantities and Earthwork</p> <p>In this course, you will learn various tools and methods to compute quantities and earthwork from the corridor model. You will learn how to assign unit costs and generate an estimated cost report for your project using the Component Quantities and Element Component Quantities tools. We will take a look at how to generate cut and fill volume reports from single corridor models as well as multiple corridor models. You will also learn how Named Boundaries and the Quantities Report by Named Boundary tool can be used to separate quantities in the corridor model. And lastly, you will learn how to create an End Area Volume Report and Mass Haul Diagram.</p> <p>Dan Ahern + 1, Bentley</p>	<p>Z9 #CIVIL Niveau: Alle Creating Drainage Reports</p> <p>In this course, you will learn how to create reports using FlexTables. You will learn how to customize the FlexTables to show the desired data fields and formatting for the reports. FlexTables show data for one type of element - a catch basin or a manhole for example. You will learn how to combine the content of multiple FlexTables into a single Excel spreadsheet.</p> <p>Jonathan Smith + 1, Bentley</p>
16:20 16:25	<p>Pause / Break Lodtrækning</p>						
16:40	<p>Shuttlebus afgang 16:40</p>		<p>C10 #DM Niveau: Avanceret ProjectWise Transmittal/Submit</p> <p>A 'full circle' usage example.</p> <p>Workshop #C9 Continued</p> <p>Satin Seymour & Dan Cutler, Bentley</p>	<p>D10 #MS Niveau: Avanceret Configuration changes in U17/MicroStation 2023</p> <p>SMB Configuration Template Manage Configuration Utility Enabling drag and drop for project resources Useful tools for managing MicroStation resources</p> <p>Marc Thomas, Bentley</p>	<p>E10 #CIVIL Niveau: Alle Trouble Shooting and Tips for Workspace Development</p> <p>The discussion will cover tips, techniques and challenges to consider when developing OpenRoads Designer workspaces</p> <p>TBC, Bentley</p>	<p>W10 #CIVIL Niveau: Alle Quantities and Earthwork</p> <p>W9 Continued</p> <p>Dan Ahern + 1, Bentley</p>	<p>Z10 #CIVIL Niveau:Alle Introduction to OpenSite Designer</p> <p>This course is designed to help users understand the basic tools within OpenSite Designer. Users will learn workflows for creating a site project and also learn about using the new automation and optimization tools for grading.</p> <p>You will begin by creating the conceptual horizontal layout of the site that includes the building footprint, parking lots, main drive and connector drives.</p> <p>Once the conceptual horizontal layout is complete you will run the Grading Solver which will optimize the grading for the site and also define the elevations of the 3D site elements.</p> <p>Kevin Jackson + 1, Bentley</p>
17:25	<p>Shuttlebus afgang 17:35</p>						
17:25							
19:00	<p>Middag / Dinner</p>						



	Fjordsalen	Salon 3	Salon 4	SKOVSAAL A
9:00	A11 #DM Niveau: Avanceret ProjectWise Datacenter hosting Where? Why? Admin Access. Caching servers. Gateway servers. Best practice. <i>Dan Cutler, Bentley</i>	B11 #CIVIL Niveau: Alle Hang Up That 2D Site Design Process For An Exciting Automated 3D Modeling Workflow The site industry has been designing in 2D for generations with little advancement until now. In this session you will learn the benefits of moving to the OpenSite Designer 3D modeling workflow. Discover how to maximize your design skills and let the automation help you deliver better projects with less effort. See how to start with nothing but an address, then create layouts and grading in minutes. See how to turn that 3D design into 2D plans for submittals. <i>Kevin Jackson, Bentley</i>	D11 #CIVIL Niveau: Alle Plans Preparation Methodology and More A detailed look at plans preparation methods including Named Boundaries, Labeling and Sheet assembly best practices. <i>Robert Nice, Bentley</i>	E11 # MS Niveau: Alle Parametric cells i MicroStation <i>Marc Thomas, Bentley</i>

09:50 Pause / Break

10:00	A12 #DM Niveau: Avanceret Environment and SQL Hvordan kan et Environment i ProjectWise bruges som opslag til dropdownlister i andre Environments. En visuel SQL Tabel som dokumenter. Der vises simple opslag med SQL udtryk. Dette kan udvides så dropdownlister kan blive projektafhængige. <i>Christian Joseph Jakobsen, COWI A/S</i>	B12 #CIVIL Niveau: Alle Templates Deconstructed Deep dive into the template editor and a breakdown of the template structure and how it gets processed to help the user design better/more usable templates <i>Kevin Jackson, Bentley</i>	D12 #CIVIL Niveau: Alle Sheet Seed Creation Advanced Tips and Tricks A lot has changed over the past few years regarding the creation of Sheet Seed Definition DGNLibs. In this presentation we will look at some of the new techniques for sheet seed creation. One area of focus will be placing multiple sheet seed definitions into the same DGNLib. This will speed up workspace load times and increase speeds switching between files. Topics covered: <ul style="list-style-type: none"> • Putting all sheet seed definitions into a single DGNLib • Utilizing a backup system through the creation process • Changing the reference attachment view settings • Renaming • Removing and replacing an invalid sheet seed definition • Changing the assigned annotation group • Important discussion on Units of Resolution • Additional tips <i>Robert Nice, Bentley</i>	E12 #BIM #Civil Niveau: Alle iTwin whats new - civil related This session will cover the new functionality in the iTwin Design Review functionality but focussed on Civil workflows to optimize the collaboration for design teams who are working with applications like OpenRoads Designer. <i>Ernst van Baar, Ian Rosam, Bentley</i>
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10:50 Pause / Break

	Fjordsalen	Salon 3	Salon 4	SKOVSAL A
11:00	A13 #DM Niveau: Avanceret WSG: Web Services Gateway and JSON Discover how to create your own web application with iTwin. Learn the basics of iTwin, setting up the development environment with iTwin Development Kit and where to find the API's and how to use them. <i>Ernst van Baar, Satin Seymour, Bentley</i>	B13 #CIVIL Niveau: Alle Above and Beyond Corridor Modeling A "deep dive" presentation into corridor modeling methods that you may have never thought possible. <i>Kevin Jackson, Bentley</i>	D13 #CIVIL Niveau: Alle Drainage - Plans Production Tips and tricks Tips and tricks using OpenRoads Designer Drainage and Utilities for plans production and Profile/cross section tips and tricks. <i>Jonathan Smith, Bentley</i>	E13 #MS Niveau: Alle / Avanceret Automatiseret tegningsopsætning ud fra Excel-database Kom og se en demonstration af - og hør om processen bag - hvordan Artelia ved hjælp af Excel og VBA kode, har automatiseret deres tegningsopsætning og vedligeholdelse af tegninger på projekter. Artelia har videreudviklet en firmatilpasset plotløsning, der bygger oven på LIFA Plotmap - og denne session fokuserer på Artelias løsning og arbejde i Excel. Artelias løsning medfører at alt projektets tegningsdata opbevares ét sted, hvilket gør det nemt og hurtigt at oprette og vedligeholde tegninger på tværs af modeller, fagdiscipliner og faser. <i>Louise Khammar & Tomas Sejtved, Artelia</i>

11:50	Frokost / Lunch			
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12:40	Workshop - Bring your own device A14 #DM #BIM Niveau: Avanceret WORKSHOP! Dashboard Setup PowerBI data This is a workshop where you need to bring your own laptop. Learn how to get started to setup PowerBI data from an iTwin model <i>Dan Cutler, Satin Seymour, Ernst van Baar, Bentley</i>	B14 #CIVIL Niveau: Alle Advanced Techniques with Quantities and Earthworks This presentation will cover the many nuances with computing quantities and calculating earthwork such as unsuitable materials, multiple substrata, and complex volumes. <i>Dan Ahern, Bentley</i>	D14 #CIVIL Niveau: Alle Cross Section Annotation Learn more about cross section annotation automation and setup <i>JP, Bentley</i>	E14 #MS Niveau: Alle MicroStation Tips & tricks Gentagelse af mandagens session <i>Dennis Høyer, OJ Rådgivende Ingeniører</i>
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13:30	Pause / Break			
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13:40	A15 #DM #BIM Niveau: Avanceret WORKSHOP! Dashboard Setup PowerBI data A14 continued <i>Dan Cutler, Satin Seymour, Ernst van Baar, Bentley</i>	B15 #CIVIL Niveau: Alle Grading - It's not just Dirt This presentation introduces some non-corridor approaches to solving advanced grading problems. <i>Dan Ahern, Bentley</i>	D15 #CIVIL #BIM Niveau: Alle Today's Plans - Tomorrow's Models Building Information Modeling (BIM) is the process of delivering and operating built assets using well-structured digital information that all the necessary parties have access to. This presentation discusses how OpenRoads Designer helps you deliver BIM models <i>Jan Rosam, Bentley</i>	E15 #GEO Niveau: Alle Presentation of Reality data Management <i>TBC, Bentley</i>
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14:30	Tak for denne gang!			
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