

39th NNGC CLINIC SUMMARIES

Updated 8/24/2019

A Love Affair with Chama

Dave Adams

Modeling

The clinic offers a brief history of Chama on the D&RGW, including changes in track plans as time and traffic changed. The track arrangements and structures of Chama has resulted in it being represented on many model railroads. Thoughts on modeling constraints selective compression, and operation of Chama on a model railroad will be included.

Making Tall Trees

Mark Allen

Modeling

If you want your trains to run through the trees rather than by them, this clinic presents a relatively quick method to make tall trees that can be a scale 150 feet in height or taller. Helps the rest of us develop the techniques and skills to make great looking foreground tall trees.

Fine Tuning & Upgrading Classic Brass Steam

Fuzzy Anstine

Modeling

LOCOMOTIVES - Purpose of the clinic is to explain how to identify and solve problems in brass steam locomotive mechanisms, including rods, crossheads, valve gear, pistons, etc. and to solve motor & gear issues as re-gear or re-motor, then to DCC install, LEDs lights, sound, etc.

DCC: Open Discussion On All Topics

Dennis Bartholow

Modeling

A chance to ask questions and discuss topics regarding DCC installation with the person who does professional installations of command systems in locomotive for Division Point Importers. Dennis has extensive experience in installing a variety of DCC decoders, including those made by ESU Loksound and Soundtraxx, and can address topics which cover the different types of decoders, wiring and installation, installation into brass, plastic, die cast, steam and diesel locomotives.

Running a Steam Loco Using Soundtraxx Tsunami2

George Bogatiuk

Modeling

A look at how a steam loco works, associated sounds and how an engineer runs them. Then see how SoundTraxx Tsunami2 captures the prototypical sound and operation through selection of 2.1 billion possible loco sound profiles and pre-loaded sounds.

Geodesic Foam Scenery

Joel Bragdon

Modeling

In-depth comprehensive demonstration of all aspects of design, construction, coloring and detail of mountain scenery.

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Room Temperature Vulcanized Rubber Mold Making and Resin Casting

Joel Bragdon

Modeling

Clinic will demonstrate techniques and materials needed to make your own model parts by using RTV molds and resin to cast the parts.

The Nevada County Narrow Gauge RR

Andrew Brandon

Prototype

Features unpublished photographs and information from presenter's personal collection showing construction of the railroad through scrapping. Will also present info from the NCGRR Museum archives. Will cover major events, equipment and industries along the railroad.

Modeling West Coast Scenery

Guy Cantwell

Modeling

Presents scenery techniques to help model the Central Valley and Sierras. Topics include: grass techniques, trees - oaks to Ponderosa, ground cover, bushes and rocks. Presenter will demonstrate how he applied these techniques to build scenes on his layout.

Wood 101

Gerry Cornwell

Modeling

Gerry Cornwell, former owner of Mt. Albert Scale Lumber, presents a review of the methods and tools for making fine scale lumber, explains and demonstrates techniques for modeling weathered wood, and a guide to tools required. He will take a brief look at some of the newer coloring techniques such as Pan Pastels.

Scratch Building Structures with a Cricut

Ray Davis

Modeling

Cricut makes a machine for cutting non-metallic materials such as card stock, wood and styrene, which, when combined with one's personal computer translates into a "poor man's laser cutter." Presentation will show how the machine can be used to quickly design and cut major parts for mock-up building in card stock, an HO structure in styrene and an O scale building in wood.

Principals of Static Grass Application

Jim Elster

Modeling

Provides attendee with basic principles of static application and devices. Beneficial to both beginner and advanced modeler, featuring multiple demonstrations.

The Rescue & Restoration of C&S 1008

Richard & Bob Farmer

Prototype

Tells the story of Colorado & Southern NG caboose 1008 from its discovery toward goal of its restoration to full operation. New and updated, includes discussion of re-creation of missing metal parts, and prototype colors.

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Westside Lumber Company

Tim Godfrey

Prototype

Updated with new photos, clinic is a look back at WSLC dedicated to friend Tim McCartney, who was an expert on the line.

Rio Grande Southern: Mile-By-Mile

Rodney Guggenheim

Prototype

Presentation showing photos along the Rio Grande Southern RR in sequence along the line.

Battery Power for Smaller Scales

Keith Gutierrez

Modeling

Discusses the pros and cons of battery power for smaller scales of model railroads. The AirWire900 battery powered wireless control system has been popular with garden railway modelers and recent technology permits its use in smaller scales. Attendees will learn requirements for equipping and running battery-powered locos, as well as about the NMRA-DCC standards and benefits they provide. Tips and techniques based upon experience will be shared.

Modeling the Maine 2-Footers

Bob Harper

Modeling

The Maine 2-foot railways are perfect for modelers who are restricted for space - offering lots of "characterful" little stations and scenes that beg to be modeled. The clinic will concentrate on building small terminal stations that generate a lot of operation, rather than large-scale dioramas.

The Resurrection of the Anyox Railroad

Gerald Harper

Prototype & Modeling

The Anyox RR, a 3-foot gauge road in British Columbia, hauled tons of mineral freight and passengers from 1914 - 1935, averaging 13 trains per day. Motive power included 0-4-0 and 0-6-0 steam locos as well as steeple cab electrics. Clinic will use presenter's On3 layout and model locomotives to supplement history of this railroad.

Narrow Gauge Car Colors

Randy Hees/Andrew Brandon

Prototype & Modeling

Clinic will discuss paint schemes used on narrow gauge rolling stock of the West, including many color renderings of equipment. This will include discussion of railroad painting standards, processes, paint manufacturers and specific colors.

Applications of Weathering Mix

Rick Hunter

Modeling

Will demonstrate many applications of Hunterline's Weathering Mix, and will show applications for wood, plastics, hydrocal, foams and other mediums and how to achieve multiple color surfaces.

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Timber Portal Make N' Take Clinic

Rick Hunter

Modeling

Takes attendee through, step-by-step instructions on how to build your own Hunterline Timber Portal, including all narrow gauge scales. Covers distressing basswood, staining and gluing techniques, assembly and finish weathering. Includes the kit and two bottles of weathering mix.

NOTE: Pre-registration and a fee for this clinic.

Snow Fence Make N' Take Clinic

Rick Hunter

Modeling

Takes the attendee through step by step instructions to build their own Hunterline Snow Fence in all scales. Includes instructions in distressing basswood, staining and gluing techniques, assembly and finish weathering. Includes the kit and one bottle of weathering mix.

NOTE: Pre-registration and a fee for this clinic.

Southern Pacific Narrow Gauge in Color

Scott Inman

Prototype

Views of the SP Keeler branch from original slides. Includes the Owens Valley and the Slim Princess from 1940-1960 in color.

Modeling the Virginia & Truckee's Virginia City Branch

Michael Laine

Prototype & Modeling

Discusses the variety of architectural modeling techniques used to reconstruct scenic highlights of the line and a large section of the Virginia City Historic district.

Rock of Ages: Quarry Railroads of the Granite Rock Company

Michael Laine

Prototype

Story of the Granite Rock Co told through historic photos and detail narrow gauge and standard gauge operations in Aromas, CA. Includes preservation and resurrection of Granite Rock steam locomotive #10.

Eureka & Palisade RR: Perfect for On30

Chris Lane

Prototype & Modeling

Using historic photos, clinic will present a review and history of the Eureka & Palisade RR - a narrow gauge mining road in Nevada with connection to the Southern Pacific. Will mention resources currently available with which to model it, including On30 locomotives and rolling stock as well as a preview of a new book about the railroad.

The Tonopah Railroad

Michael Lee

Prototype

Covers the discovery of silver ore in Central Nevada, the establishment of Tonopah, Goldfield, Rhyolite and other small mining camps. Discusses the proposed railroads in the area, the construction of the Tonopah Railroad, its operation and re-naming to the Tonopah & Goldfield RR.

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Furnace Filter Fir Trees for A Quick and Thick Background

Lloyd Lehrer

Modeling

Making trunks and handing out pre-made trunks and raw furnace filter material. Participants cut and shape basic tree then spray and glue ground foam or flock to their trees. NOTE: This is a hands-on clinic with a material fee with pre-registration.

How Westside Lumber Co Inspired Me to Create My Personal Logging Model RR

Frank Markovich

Prototype & Modeling

Clinic will go over many of the items that are the same and some that are different between the prototype and the model RR. It will cover Westside locomotives, rolling stock, structures and special equipment. Then, discuss how they were used as inspiration for the presenter's layout. Clinic will include discussion of other logging roads in the Sierra that inspired the model railroad.

Central Nevada Narrow Gauge

Greg Maxwell

Prototype

Deals with central Nevada's three narrow gauge line and their feeders, includes Eureka & Palisades, Eureka Nevada Ry, Ruby Hill RR, Nevada Central RR, Austin City Ry, and Nevada Short Line Ry, all covered revised and updated historic photos and maps.

Standard Oil of California's NG Tank Cars

Greg Maxwell

Prototype

Clinic covers Standard Oil of CA narrow gauge tank car fleet which were operated on eight different NG railroads in California, Nevada, Oregon and Hawaii. Covers various tank cars, trans-loading operations and bulk oil plants that were served.

Kit-Bashing Bachmann On30 Locomotives into New Steam and Diesel Models for Your Layout

Scott Maze

Modeling

This clinic will demonstrate and discuss the possibilities of using Bachmann locomotive as starting points to create new locomotives for your layout. It will cover making cosmetic changes to complete re-builds and conversion of HO diesels into On30 switchers. Will include displaying examples of kit-bashed locos and discussion with the audience.

Carson & Colorado: The Story of 300 Narrow-Gauge Miles in the Great Basin

Brian Norden

Prototype

A presentation about the Carson & Colorado using photos and graphics to talk about the railroad. The talk can go into the early SP years including the effect of traffic on the line by the Tonopah boom and the conversion of the northern half of the line to standard gauge and the demise of the C&C as a corporate entity.

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Gilpin Tramway-Small, Compact Layout Inspiration

Keith Pashina

Prototype

Hauled gold ore from mines to mills and supplies back to mines via 2-foot gauge. Will show how scenes can be modeled in small layout space, and show ideas for small layout concepts to accomplish this. New and updated material from previous presentations.

Geology-Mineralization-and Modeling the Little Kingdom of Gilpin

Monte Pearson

Prototype

A newer and updated presentation of The Gilpin mining region which is located in a very small geographic area in the Front Range of the Rockies, and how over millions of years, gold and other valuable ores were created and deposited there. An explanation of the geology will provide modelers an understanding of mine and mill operational patterns and ore transport on the 2-foot gauge Gilpin Tramway Railway, explain why mines were so small and numerous, and how the colors of waste dumps when mining was active were different than now. The correct colors will be shared along with ideas to improve modeling of the Gilpin region.

Westside Lumber Co Vehicles/Equipment 1935-1954

Joe Piazza

Prototype

The clinic will cover the evolution of the usage of log trucks, crawlers and support equipment in the harvesting and transportation of the timber to the rail transfer on the West Side during the period of 1935 to 1954.

Building from Scratch

Don Railton

Modeling

Clinic explains steps in the scratch building of structures using simple materials, tools and techniques. Includes the concept, construction, weathering and detailing of structures. It will also showcase some of the presenter's past builds and magazine articles as well as creations done by other scratch building modelers.

The Narrow Gauge Preservation Foundation and the Future of Narrow Gauge

Lindsay Raley

Prototype

A review of the Narrow Gauge Preservation Foundation, its projects, and activities for the future.

Dolly Varden Mines Railway - Expanded Story

Walter Reid

Prototype

Narrow gauge railway in British Columbia, will review the railway, expanding on the book including new photos and drawings.

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The Devil's in the Details

George Riley

Modeling

Clinic features number of tips and techniques to enhance one's modeling, including "modeling what you see," "building in weathering," "punch up your scenery," and adding and finishing details that make sense, and more.

Creating and Using Photo Textures for Structures

Scott Robertson

Modeling

Includes an overview of where to find photo textures; selecting photo textures; creating a library of photo textures; using the photo textures in construction of structures; and examples of structures created with photo textures.

The WW&FRy Museum at Milepost 30

Jeff Schumaker

Prototype

The Wiscasset, Waterville & Farmington Ry Museum, founded in 1989, is the second-largest 2-foot gauge railroad in Maine. Starting with a flatcar, the museum has grown to over a dozen pieces of rolling stock, two steam locomotives, a diesel, a gas-mechanical engine, railcar and various support equipment. The presentation will look at where the museum has been, what it is doing now, and where it is headed.

Operating Narrow Gauge with JMRI Operations Pro

John Short

Model Operation

Clinic describes using JMRI "Operations Pro" to develop an operating scheme for a model railroad. Installation and configuration of the software will be discussed, including required third-party software. Adding cars, locos, switching locations, train routes and trains to service those routes will be presented. Train manifests and train switch lists will be developed and the differences between the two explained. Use of car cards with a switch list also covered. Use of wireless throttle with smart-phones may be discussed.

Carson & Colorado RR Photo Tour

Marilyn Sommerdorf

Prototype

Clinic will encourage visiting the former line by presenting photographs taken along the length of the line since abandonment and will depict right of way, structures and artifacts that are still observable today.

Changing Face of Colfax and Its Railroads

Roger Staab

Prototype

Slide show of changes that have taken place in Colfax, CA through years related to main line and Nevada County Narrow Gauge RR operations. Includes photos of track alignment through town, and buildings that supported the railroad.

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PG&E Railroads in the Central Sierra

Roger Staab

Prototype

Slide show describing Pacific Gas & Electric Company's standard gauge and narrow gauge railroads that played in construction of the Lake Spaulding dam and Drum Forebay and powerhouse.

Two-Foot Gauge Railways in Wales

David Steer

Prototype

Will cover the NG slate railways in Wales including the Ffestiniog Ry and its current tourist operation, and in addition, its connection with the recently re-built Welsh Highlands Ry, now also a tourist carrier. Steam locomotives on the lines include Fairlie and South African Garrett types. The history and technology of these railways will be presented with historic and contemporary photos and diagrams.

Rack Railways

David Steer

Prototype

Shows the use of rack and cog railroads in challenging locations both in the United States and other parts of the world. Includes descriptions of various types of locomotives and rolling stock used on these railroads, as well as track, turnout and turntable construction.

Delving Into Detailing

Sam Swanson

Modeling

Clinic presents examples of details added to structures, locomotives, rolling stock and layout scenes to improve realism and personalization of models. Includes discussion of a variety of construction materials and making of customized details with kit bashed and scratch built components. Interior scale lighting with LEDs and finishing with acrylic paints are also part of the clinic.

The Nevada-California-Oregon Ry in Reno

Maurice Walker

Prototype

Using photos, presentation covers the founding of Reno, the N-C-O Ry, and the relationship between the two.

Advanced Static Ground Covers - Layering Of Static Ground Cover, Weed Application

Martin Welberg/Jim Elster

Modeling

Demonstrates creation of layered grass mats, bushes, tufts and weeds. Beneficial for the advanced modeler.

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Trees Nearing "Perfection" - Incredible Trees from Your Static Machine

Martin Welberg

Modeling

Learn to develop a technique of producing realistic and detailed trees, both conifer and deciduous, by altering slightly the sequencing and building techniques to change the tree's appearance to create multiple species of trees. Attendee will see how realistic these trees are and how fast they can be produced.

Big Railroads In Small Spaces: That Will Never Fit!

Greg Wright

Modeling

Clinic describes how to fit a model railroad into any space and make it look and feel bigger. Presenter will share his ideas, favorite reference material and use his own model railroad to illustrate his point.

The San Joaquin & Sierra Nevada RR

Kyle Wyatt

Prototype

The SJ&SNRR was a narrow gauge railroad constructed during the 1880s which connected the California Central Valley at a point north of Stockton, then followed the Mokelumne River eastward up into the Sierra Nevada foothills "Mother Lode" country to the town of San Andreas - just a few miles from Angel's Camp in Calaveras County. The line was eventually taken over by the Southern Pacific.