

Seminar Sessions - Abstracts and Presenter Bios

Updated: 08JUL2019 Green=Thursday Blue=Friday Gold=Saturday

Seminar Title	Presenter	Abstract
Model Building "101"	Ralph Nardone, a technical writer by trade, has been building models since 1972. A member of IPMS/USA and AMPS, his interests run the modeling gamut.	A discussion of basic model techniques with emphasis on the craftsmanship aspects of the hobby
How to Paint Like A Dummy	Lou Dalmaso founder of Aztek Dummy which produces a line of paints masks and templates to help you paint your favorite model.	Join Lou as he walks you what you need to know to paint a satisfying aztek pattern on your favorite Starship. It's almost as fun as watching paint dry!
Oil Paint Rendering	Michael Rinaldi, owner of Rinaldi Studio Press, is a former transportation designer turned professional model maker and author. Best known for the TANKART and newer SM Series of books.	This seminar will focus on Oil Paint Rendering (OPR), a newer concept of weathering a model using solely oil paints. OPR has gained traction these past few years as a viable process to elevate the model to a finer standard of finish
Real Space Modeling Seminar	Rob Schory. I am a Mechanical Engineer and built scale models as a kid and after a long layoff (due to college, a young family, etc.) restarted building in the mid-90s. I enjoy building real spacecraft models, but have been known to dabble in sci-fi.	1) Models of the Space Race - When We Were Kids 2) Two Lunar Probes - Building Luna 10 and Explorer 35
Creating Great Dioramas and Vignettes	Chris Mrosko, Tony Zadro, Lynn Rowley and Mike McFadden are long time diorama enthusiasts from Missouri, Georgia, Texas and Arizona respectively. They will present ideas on diorama and vignette construction, from inception to completion. A Q and A session follows.	Wanting to create your first diorama? Your fiftieth? Join us to discuss, share ideas, and ask questions. The presenters will cover ideas on methods and materials, do a demonstration on effective groundwork construction as well as discuss current projects. To be followed by plenty of time for 'show and tell'. Ya'all come!
Beyond Preshading is Black Basing	Rich Van Zandt. I have been an active modeler since 1985 building mostly aircraft with a specialization in modern jets. I am currently the VP of IPMS Memphis and a member of IPMS Vagabonds.	Brief overview of other preshading methods. Discussion on black basing techniques for color modulation theory of , paint selection and thinning, mottling techniques, saturation and desaturation of colors as well as color shifts. This will be accompanied by a live painting demo and Q&A afterwards time permitting.
How to Enhance your Sci-Fi Kits	Ken Spriggs. Ken grew up building sci-fi models in the early 70s. He has honed his skills with painting, scratch building, lighting and the use of many aftermarket sets such as photo-etch, resin and 3D printed parts.	I will be discussing various aftermarket options for adding realism to your sci-fi kit. I will be showing examples of pre-wired lighting, photo-etch, resin and 3D printed parts, and discussing their use. I will also have examples of styrene materials and discuss basic scratch-building and their use with photo-etch as well as lighting applications.
Fisher P-75A	Kevin Grantham is an engineer, aviation historian, photographer, published author, and modeler. Kevin has a passion for aviation history and in 1994 published his first book P-SCREAMERS, The History of the Surviving Lockheed P-38 Lightnings. He is presently working on a book about the Fisher P-75.	This presentation will cover the Fisher P-75 series of aircraft from concept to contract cancellation.
Writing for FineScale Modeling	Mark Savage and Aaron Skinner. Mark has been the editor of FineScale Modeler for four years, has spent a lifetime in publishing, is a big-time car enthusiast, and builds when he can. Senior editor Aaron Skinner has been building models since he was four years old with interests in World War II and modern military aviation and armor, especially anything Australian and airliners of any flavor, with a big helping of science-fiction hardware and characters on the side. He's been with FSM since 2006 and has authored several books on modeling and airbrushing.	Have you ever read an article in a modeling magazine and wondered if you could do that? The answer is, yes, you can. Most of the stories in FineScale Modeler are written by modelers just like you. We'll show you what it takes to be an FSM author with hints on writing and photography.
What Judges Look For	Mark Perischetti, chief judge for IPMS/USA National Conventions	What Judges Look For
Scratchbuilding the Mercury Redstone	David Carlton is a long time real space modeler and scratchbuilder with a strong focus on historic rockets and the manned space program	The presenter's 2019 Best of Division Mercury Redstone is discussed in an open "show and tell" presentation/discussion. The modeler discusses building a scratchbuilt MR3 Mercury Redstone rocket comprised of many hundreds of individual hand made parts, researching, interior and exterior markings and weathering a rocket.
Transporting Models Using Legos	John Vitkus He is currently president of IPMS/John H. Glenn (Cleveland, OH) and serves as the co-chair and registrar for the annual Cleveland Model Show.	One common fear among modelers is damage during transit. I developed a method for immobilizing models that prevents most damage from occurring. I use Legos as the main structural element of my transport system. This method can be configured for different numbers and sizes of models, but they are all based on a few basic patterns. Although my method was designed for transporting aircraft, it can easily be adapted for other types of models.
Tru-Color Paints - Part 1	Martin Cohen has a PhD in Organic Chemistry and has worked in the polymer industry for over 35 years making composites for aircraft working with epoxies, phenolics, polyester and acrylic resins with fiberglass and carbon fiber reinforcement. Scott and Martin Cohen formed Tru-Color Paint in 2009 to address the scarcity of solvent based railroad paint colors for the modeler. Extension of the solvent based paint line into the model automobile, armor, ship and aircraft lines as well as figures is a need to fill the gap when a competing company essentially left the market.	We will present how easy it is to use Tru-Color Paint on any model along with techniques on masking the model with our masking paper. Seminar will start with the recommended preparation of the model, masking (if needed), painting various colors, clean up and finishing techniques. Also discussed will be our extensive line of metallic paints, such as Titanium, Steel, Aluminum, Copper, Brass and Gold plus several others that modelers might find useful on autos, ships, planes and armor.
Tru-Color Paints - Part 2	Ditto	Ditto

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Ship Assembly Techniques	Mike Ashey is the author of five best-selling books on scale modeling and he has written numerous articles for magazines. In 2016 he established Mike Ashey Publishing and his Comprehensive Series Scale Model Manuals capitalize on this format of step by step color photography for building select modeling subjects. His new book, which has over 850 sequenced color photos and is titled "Detailing Scale Model Aircraft, second edition" is the first scale modeling book designed to be updated and expanded.	For this ship seminar on assembly techniques I will take the audience through two interesting projects. The power point presentation will include approximately 130 color photos and the topics covered will include test fitting, fixing flaws, modifying parts, gluing techniques, assembly techniques and some basic scratchbuilding. The first project is the Trumpeter 1/350 scale Essex class carrier USS Franklin and the second project is the 1/350 scale Hobby Boss Alaska, CB-1. I will also mix in some pictures from other projects where appropriate.
Ship Painting Techniques	Mike Ashey - See Above	For this ship seminar on painting techniques I will take the audience through four interesting projects. The power point presentation will include approximately 130-150 color photos and the topics covered will include surface preparation, masking, paint mixing, airbrush application, touch ups and my paint layering technique. The first project will be painting the Trumpeter 1/350 scale USS North Carolina in a US Navy measure 21 pattern. The second project will be painting the Tamiya 1/350 scale USS Missouri in a US Navy measure 22 pattern. The third project will be painting the Trumpeter 1/350 scale USS Franklin in a US Navy measure 32 colored dazzle pattern. The fourth project will be painting the Hobby Boss 1/350 scale USS Alaska in a US Navy measure 32 dazzle pattern of grays and blacks.
Aircraft Construction Techniques	Mike Ashey - See Above	For this aircraft seminar on construction techniques I will take the audience through four interesting projects. The power point presentation will include approximately 130 photos and the topics covered will include parts preparation, test fitting, fixing flaws, modifying kit parts for a better fit, gluing techniques, seam filling techniques, void filling techniques and restoring panel lines and rivet detail. The four projects will be the AMT 1/48 scale B-26 Marauder, the Hasegawa 1/32 scale P-47D Thunderbolt, the Trumpeter 1/32 scale SBD Dauntless and the Trumpeter 1/32 scale P-38 Lightning. If there is time I will also discuss aircraft lap joints, butt joints and how they relate to "panel lines". I will use photos of actual aircraft surfaces such as the F6F Hellcat, the SBD Dauntless, the IJN Zero, the F4U Corsair, the B-17 and the B-25 for this discussion.
Eduard	Vladimir Sulc is CEO of Eduard - Model Accessories, Ltd located in Obrnice, Czech Republic (55 miles NW of Prague). His degree is chemistry was good training for doing phototetch. Eduard Model Accessories was formed in 1989 in the basement of co-owner Ctirad Kuraks. In 1991 Ctirad and Vladimir moved their basement products into the company we all know today.	Eduard - Model Accessories, Ltd is one of the leading plastic model manufacturers in the world. The offer a range of models and accessories. Vladimir Sulc, Eduard's CEO will talk about Eduard's approach to model design as well as talking about the development of new kits in the near future.
F4H Phantom Genesis	Tommy H. Thomason, aka "Tailspin", writes books, monographs, and articles on U.S. Navy aircraft as well as posting semi-regularly on his blogs, "U.S. Navy Aircraft History" and "Tailhook Topics". For more, see http://tommythomason.com/	This seminar will summarize the genesis of the F4H Phantom II; its development; the production and utilization of the first 47 (subsequently known as the F4F-1F and then the F-4A); and the major configuration differences among the development airplanes and between the F-4A and the F-4B
Large Scale Planes	Mike Rechlicz	A meet and greet with the Large Scale Plane Community. You know who you are!! A guest speaker is possible, we'll keep you posted.
US Navy Markings of Interwar Battleships, Cruisers, and their Aircraft	Dana Bell retired from the government in 2006 after thirty years as a researcher for the USAF Still Photo Depository and the Smithsonian's National Air and Space Museum. He has written more than 30 books on aviation history, including the groundbreaking Air Force Colors trilogy. At the Controls: The Smithsonian National Air and Space Museum Book of Cockpits, One Hundred Years of World Military Aircraft, and six volumes in the Aircraft Pictorial series.	After twelve years' research, author Dana Bell has finally settled most of the remaining questions about US interwar markings for battleships, cruisers, and their aircraft. In his presentation, and his upcoming book, he shares several surprises for ship and aircraft modelers.
Models of Space 1999	"Dem Bruders" are brothers Dick and Bill Engar, who have been building models together since the 1960s. They've been unavoidable as IPMS/USA Journal contributors for most of this century so far. They have recently befouled the Internet with their new website, dembruders.com.	Space: 1999 was a quality British TV science fiction series that never caught on like Star Wars or Star Trek. Even though it concluded production over 40 years ago, the show has a small but loyal following. A handful of Space: 1999 model kits were created during the series' original run. They are still popular with modelers today, and surprisingly, several new state-of-the-art kits have been released recently. Join "Dem Bruders Live" as they discuss the history of the show and the model kits it spawned. We have also invited a special guests to share his skills in modeling Moonbase Alpha subjects.
Carrier Duty: 1956 to 1977 Service on 5 Carriers	Al Carrato is a retired U.S. Navy Master Chief Petty Officer with 22 years' service. He served aboard five aircraft carriers during the Suez Crisis, the Cuban Crisis, the Lebanon Invasion and three trips to Viet Nam. He served in ship's company on the USS Forrestal (CVA-59), the USS Essex (CVA-9). He was assigned to the Air Wing on the USS Midway (CVA-41), USS Ranger (CVA-61), the USS JFK (CVA-67).	This presentation will deal with "life aboard an aircraft carrier" in war time and peace. I will discuss the types of carriers, their idiosyncrasies and their specifications. Included will be a discussion about the rigors of going to sea on a floating city, living with 5,000 men, the training required and the daily life one must expect on a "man of war". I will also discuss flight deck operations, arresting gear, catapults, aircraft accidents, fires, refueling and replenishment at sea and battle stations.

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Biplane Rigging for the Timid and the Lazy	Mark Nickelson. Mark Nickelson is a Mil-Spec technical writer with a University of Georgia journalism degree and a Navy Reserve commission. He has worked for Lockheed-Martin, General Dynamics and BAE. He presented a workshop scratch structures at the IPMS Nationals in Columbia, S.C., in 2016.	Into the lives of even later-era modelers, open cockpits and wire-braced wings must occasionally intrude. Could you be a part of the valiant ragwing tradition? Could it be easier than it looks? This is where you can find the answers, presented by a modeler with 55 rigged 1/48 airplanes in his collection. Hear about the proven techniques and the ones the failed. Learn which right material is best for your scale. Rig a biplane yourself during this hands-on workshop. Join the elite minority of modelers who rig quickly and fearlessly.
3D Modeling for 3D Printing	Lee Coll	A scale modeling focused discussion, with information provided on developing parts and patterns from the design stage, to proofing the electronic items for suitability with current 3D printing requirements. A description of the various software types most favorable for specific types of solids and model parts, their advantages and limitations. I will also use one of these software packages to create a part that can then be sent to a printer for creating a solid part. A brief discussion of types of 3D printing, and their suitability for the scale modeler.
Wingnut Wings	Richard Alexander, General Manager, Wingnut Wings	A brief discussion about Wingnut Wings and some random thoughts followed by a Q&A session.
AK Interactive: Basic aircraft weathering	Daniel Zamarbide. Editor/Director Aviation Department at AK-Interactive	In this seminar I will take the audience through easy weathering steps and use of latest innovative materials that will make our models stand out. Brief presentation of the new AK paint line, Real Colors "Air" and its characteristics.
AK Interactive: Weathering with Pencils	Daniel Zamarbide. Editor/Director Aviation Department at AK-Interactive	
The Background Story of How SWS Kits Started	Hideyuki Shigeta. The President of Zoukei-Mura Inc. and VOLKS Inc.	The Background Story of How SWS Kits Started
Braille Armour	Allan Magnus - One of the website team for On the Way! (www.onthewaymodels.com), a resource on the web for the 1/72 scale modeller	This is an informal "chew-the-fat" session for armour modellers of the 1/72 scale and smaller persuasion, wishing to network with modellers with the same interest. If there is interest, we will make a run through the display hall before it closes to view our entries and give attendees a chance to ask question about our builds.
Hints and Tips for A Successful Local Modeling Event	Rob Booth currently the President of the Texas Hill Country Scale Modelers - IPMS Tex Hill Chapter. Dick Montgomery most recently on the Data Team. The Data Team collects a great deal of information about the contest and uses that information to generate a slideshow for use at the Awards Ceremony. Len Pilhofer an active member of Alamo Squadron in San Antonio, Texas. Len is the Event Chair for the IPMS 2020 "Come and Make It" National Convention team.	Want your local club's show to be more successful? These three guys have served in key leadership roles for San Antonio IPMS-Alamo Squadron's ModelFiesta, for many years. The club's event has maintained a profitable, positive growth slope for nearly 40 years. They will offer hints and tips to help make your local club's contest more successful. They draw from many years of trials, errors, successes and failures that have been condensed into their club's "How-To" show Manual that has helped make ModelFiesta a must-go event for many modelers from around the country.
Painting Figures with Acrylics	David Youngquist. Is a published and award winning figure painter with a hugely popular Last Cavalry YouTube Channel that is dedicated to painting, diorama and groundwork techniques for figure painters and modelers.	The seminar will explain and detail acrylic painting techniques for figures with an emphasis on painting faces. It should last an hour to an hour and a half - the last half hour would be if time is available in your seminar schedule for questions and answers.
How Models are Designed	Radu Brinzan is the owner and product developer of RB Products based in Ireland. RB Productions provides a number of tools, decals and model detail parts as well as resin ship and aircraft scale models designed by Radu.	How Models are Designed. An interactive seminar on the process of designing models. Topics include: Choosing the project, Research including documentation and museum research. Development meetings regarding number of parts, versions, amount of detail, etc. Design within tooling limitations. As I will be talking about both plastic and resin models, I will describe the differences and limitations, advantages and disadvantages.
PT 187: Building the BlueJacket Ship Crafters 80' ELCO PT Boat	Bob Steinbrunn is a 50-year member of IPMS/USA and is a former combat helicopter pilot who served in Vietnam. Bob retired after 46 years of flying with over 15,000 flight hours. He has written over 50 articles for FineScale Modeler, the IPMS/USA Quarterly Journal, Seaway's Ships in Scale, Model Cars, Scale Auto, and has written two books. Bob's models have won a number of awards at IPMS Nationals including the George Lee Judges Grand Award at the Kansas City/IPMS Nats in 2006, but he's the first to admit he's still learning.	PT 187: Building the BlueJacket Ship Crafters 80' ELCO PT Boat in 1/48 scale and adding 3D-Printed Parts. Using the basswood-based kit which includes brass, Britannia pewter, and other materials, Bob uses selected 3-D printed parts to modify and detail the model into a miniature of PT 187. The complete build is a Power Point presentation in color using 98 slides with captions.
3D Design for Scale Modeling	Major Charles T. Davenport, USAF, (Ret) is a retired navigator with 3000 hours of flying time in EC/RC/KC-135s. He is also a former EBoard member and former President of IPMS/USA.	Necessaries for 3D design- skill set and tools needed. Types of machines available and cost. Design from direct measurement (NVA Type 63/65 SPAAG) (Sketch, Camera, iPad), Printing: Materials vs cost vs resolution, 3D Printing-Do I really want to make this investment? How much does it cost to have Chuck design and print it for me? What is the cost of home printing vs Snapeways? Availability of commercial designs for scale modeling applications.

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Working with Photo-Etch: Learning to Love the Brass	Mike Roof, in 1995, following the first AMPS national convention, I was elevated to AMPS Master. In 2017, I was awarded the "Best Master" at the AMPS International Convention. Currently a member of IPMS Mid-Carolinas Swamp Fox chapter in Columbia, SC	This presentation offers a systematic, step-by-step approach to using photo-etch (PE) model parts. The presentation is two hours long with a 10 minute intermission between hours one and two. In the second hour, the audience is invited to select from a menu of available examples of different PE assemblies for detailed discussion. These different examples offer descriptions and solutions to common PE challenges and offer the opportunity for audience members to see how these challenges are met.
The Lost Legacy of Gemini - Part 2	Mike Mackowski. Mike is the editor of the "Space In Miniature" (SIM) series of reference books for real space modelers and was the IPMS/USA Head Judge for Space and Science Fiction for many years.	Mike Mackowski's statement on the Gemini 11 crew covering Gemini spacecraft versions that never got off the drawing board. This year, Mike will cover his builds of the Manned Orbiting Lab (with a USAF Gemini=B), Gemini to Mars, Gemini XI with an Agena, and finally a super-detailed 1/24th scale Gemini IV with spacewalker Ed White.
B-17D 40-3097 "Swoose"	Mark Young is 71 years old and was exposed to IPMS in 1972. He has been a member since then with 5494 as his IPMS number. He has been very involved in the Dayton Area Plastic Modelers Society for almost 30 years, holding all officer positions at one point or another and was the Chairman of the 1988 National Convention in Dayton, Ohio.	Presentation will consist of a Power Point briefing on the B-17D 40-3097 known as "the Swoose Goose". Considered the only combat aircraft to have served throughout the entirety of World War II, she has a long and illustrative history. Following her life from the point of acceptance by the USAAC until now, recently discovered facts are able to shed some new light on her history. Presentation is developed from information researched by Wayne Moyer, Geoff Hayes and Mark Young. Mark Young is making the presentation.
Scratch building tips & tricks	Dave Straub is an accomplished modelers having won many awards at the IPMS Nationals for the past 23 years. He is currently the historian for the large 800 model collection at the Albuquerque Sunport National Airport	This was a feature article I wrote for Fine Scale Modeler Special Issue title "Experts Guide to Superdetailing". This talks about how to get started and the tools and the many ways to scratch building items for models.
Scratch building Ships	Ditto	Will cover how to start and many ways in building from scratch. This talk was given at Phoenix last year. I have many more new methods I have found this past year while building a 1/150 scale model of the USS Curttuck with no plans. The talk was very popular last year and should be very informative with the new ideas. I have built the USS Langley that won best ship in the 2013 Nationals and the USS Patoka in the 2017 Nationals.
How to cast small detail parts using RTV and Resin materials	Ditto	How to make the master then make the mold using RTV. Show how using video clips the art of cast the items in many ways using Resin casting material.
Airbrushing 101 to 909	John D. Miller, Ph.D. C.E.O., Owner, Model Paint Solutions, Inc. Applying the skills learned from a career as a chemist (and modeler) to the mixing, diluting, and spraying of model paints led to the creation of Model Paint Solutions (MPS): a site that features articles and tools focused on the finer points of airbrushing and finishing scale models.	Tips and tricks for handling, cleaning, and maintaining your airbrush are presented. Suggestions for diluting and spraying Primers, Clear Coats, and Paints (enamels, lacquers, and acrylics) are covered along with techniques for shooting Dry Coats, Wet Coats, and Fine-Lines 0.5mm-wide. Q/A welcomed during the presentation
Diluting and Spraying Mottling and Fine-Lines with Acrylic Paints	John D. Miller - See Above	Suggestions for diluting and spraying Fine-Lines of 0.5millimeter or less than 1/32in. with acrylic paints are presented. The use of wetting and retarding agents, spray pressures, working distances, and tricks to stabilize both the hand and model or Fine-Line work and Mottling are covered. Q/A welcomed during the presentation