

35th Annual  
**Ft. Worden  
Kitemakers  
Conference**

The Warm Beach Camp and Conference Center,  
Stanwood, Washington

March 9, 10, 11, & 12, 2017

Check-in and registration begins on Thursday,  
March 9th, at 2:00 p.m in the Maple Center.

*Welcome to a weekend of fun, learning & kite building! We hope you are joining us for the 35<sup>th</sup> conference. We look forward to seeing old friends and making new ones.*

**OUR TEACHERS** are world class instructors, coming with interesting projects and ready to share their expertise. We welcome them and extend our thanks for their hard work in preparing classes for us.

**Our first-time conference instructors:** Bob Wendt, Ron Ortega, Phil Broder, René Maier, and Dick Toonen.

**Our international instructors:** René Maier, Switzerland and Dick Toonan, The Netherlands. Dan Kurahashi, from Burnaby, BC, Canada, is technically also an international teacher but we all consider Dan as local!

**Returning "local" instructors:** Barb Meyer, Deb Tumminia, Gerry Pennell, Don Mock, Georgean Curran, Charmayne Umbowers and Rod Beamguard plus Rob Pratt leading the Roundtable. The "local teachers" come from Washington, Oregon, and Minnesota and Pennsylvania.

**Our Staff:** Sam King, Gerry Pennell, Rob Pratt, Maura & Bob Alford, Kara Zubal, Barb Meyer, Rod Beamguard, and Charmayne Umbowers.



**IN ADDITION TO CLASSES:**

**Kitemakers' Reception:** Stop by on Thursday evening after you check in for a light supper and an informal gathering. Meet instructors and greet old friends and welcome our newcomers. Details: Thursday, 5:00-9:00 p.m. in the Program Center Auditorium.

**Raffle:** Be sure to visit the Raffle in the Cedar Lodge Chapel to make donations, check out the marvelous collection of kites and kite related items which will be raffled, and of course, buy tickets! (To comply with state law, tickets may only be sold to members.) Kara and her staff will make the raffle available Thursday afternoon through Saturday (including Friday evening until 9:00). Raffle drawings are held at meals; our fabulous raffle concludes Saturday evening, when every item is gone. See the web page for more details plus forms you can fill in before you arrive. It speeds the process.

**Evenings:** After dinner and the raffle, you can visit or continue working on your kite project, check on the progress of other classes, check out the raffle room, and buy extra class project kits as available. The evenings are open!

**Kitemakers Conference Annual Meeting:** Registered attendees are strongly encouraged to contribute feedback on this year's conference and make suggestions, elect officers and volunteer for next year's conference. This is on Sunday (after lunch) in the Program Center Auditorium.

## Ft. Worden Kitemakers Conference 2017 Class Offerings

~see our web site classes page for large color photos & additional photos of all projects~



**Rod Beamguard** Vancouver, Washington

**Rockin' Roller kite**

**#1, Friday afternoon  
or #2 Sunday morning**

Rod is returning this year as one of our very experienced teachers. He is offering beginning kite builders as well as more experienced ones this simple and elegant roller. It is a good platform for appliqué. The class will build a roller kite 48" tall and about 46" wide. This kite has several construction techniques seldom seen in other kites, good to learn and good to remember! The kite is a very stable flier in light to medium winds, perfect for our coast, and it maintains a high angle of flight. Adjustments for gusty winds can be made yet the kite flies well on the thermals usually present in inland locations.

Students will have a choice of colors or may furnish their own skin personalized with appliqué or graphics and cut to

specified dimensions. Rod will contact students for color choice.

**Level:** All **Class Size:** 25

**Fee:** \$60.00 (\$50.00 if you bring your own skin)

**Bring:** Sewing machine and supplies\*, a large cutting mat, Super Glue, blue masking tape.

Note: Extra kits will be available for purchase. Please contact Rod in advance or see Rod outside of class if you do not enroll for the Rockin' Roller class.

**Phil Broder** Lewisberry, Pennsylvania

**Ice Crystal kite** #3, all day Friday

The Ice Crystal is a unique and unusual cellular design with 6 sails around the equator of a central hub and a six-bladed sail at the top and bottom of the hub. The Eiskristall kite was developed by Armin Krauss of Germany from an original design by Carl Robertshaw. Materials are ripstop nylon with carbon and solid fiberglass rods. It is approximately 6' from tip to tip. Your Crystal will be 2 colors of your choosing (see the color chart on the web site for available colors). Phil will contact students in advance of class for choices. Sails will be pre-cut and fittings will be pre-drilled to save class time. Construction includes edge binding curved edges, using reinforcements around a central hub, and a using a geometric method for calculating circumferential spar length.

It's a challenging project, but the result is a kite that not many other people will have and it flies in stronger winds. Spend Friday with Phil and you will have his version of the Ice Crystal to add to your kite bag!

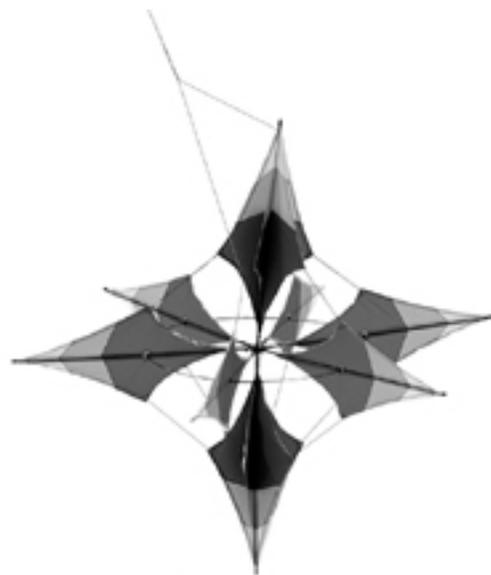
**Level:** Intermediate and Experienced **Class Size:** 12

**Fee:** \$125.00

**Bring:** Sewing machine and supplies\* and hot cutting tools

Note: Extra kits will be available for purchase. Please see Phil outside of class if you do not enroll for the Ice Crystal kite class.

\*See page 10 for supply suggestions.



**Georgean Curran** Tacoma, Washington  
**Holey kite** #4, all day Saturday

If appliqué and painting are not your forté yet you'd like to have a kite with a design, this may be just the class for you. Georgean will return to our conference for the 5<sup>th</sup> time with her unique Holey Hata kite. This little kite is of course a proven flier, packs well, and now will come with holes! You will lay the kite skin flat on glass and will use a hot pen to cut holes into the sail. Be sure to check out the website to see Georgean's examples. Sewing and cutting a fuzzy tail is part of your class with Georgean. She will contact students with color choices. This will be a fun class and at the end of the day, you will have wholly a kite which is not a holy kite, but a holey kite!

**Level:** All **Class Size:** 15 **Fee:** \$25.00 includes tail

**Bring:** Sewing machine and supplies\* plus hot knife and glass to cut on.



**Dan Kurahashi** Burnaby, British Columbia, Canada  
**Northern Sparrow Kite Train**  
#5, all day Friday

Dan has been making and flying trains for decades and here is your chance to build his wonderful Northern Sparrow train in a non-sewing class. You will receive kite sails of printed Tyvek plus bamboo rods, using white glue to make each kite before assembling your train. Dan taught this class about 30 years ago at Ft. Worden but this time he gives us double-sided sails! No longer will you see a white train from the back. The two designs seen here and on the



website on are not your choice of sail... they are the front and back! The second design is the Pacific Northwest Indian Dog Fish or shark patterned in red, white and black. Dan will teach how to handle, shave, and fine tune bamboo since the kites use a single bridle point and your bamboo needs to be precise. Learn all about kite trains from bridles to launches and take downs to storage.



Join the other train "engineers" next time on the beach with a beautiful 25 segment kite train of your own. Trains are always show stoppers and are wonderful on light wind days.

**Level:** All **Class Size:** 15 **Fee:** \$90.00  
**Bring:** Straight edge, scissors, Olfa knife or exacto knife, crochet hook, cutting mat, white glue in a pointed tip bottle, and lots of clothes pins. Bamboo knife and side cutter if available (Dan will have a spare bamboo knife and side cutter).

Note: Extra kits will be available for purchase. Please contact Dan in advance or see Dan outside of class if you do not enroll for the Northern Sparrow train class.

\*See page 10 for supply suggestions.



**René Maier** Baeretswil, Switzerland  
**Heart kites** #6, Saturday all day

The first of our two European teachers in 2017 is René. He is a very experienced kite builder of over 20 years with many workshops successfully taught. And now he has agreed to come teach us the heart kite. The heart is a simple kite to build and you will definitely want multiples of this single line kite to put into a train or arrange into a sky display. Each kite is approximately 85 cm tall and 80 cm wide or about 33 inches tall and 31 inches wide. One of your hearts will be white and the other can be your

choice of orange, red, gray or another white heart. René is using a fabric available in only these colors and he will contact students for their color preference for the second heart.

Come spend the day with him and end up with not one but 2 of these lovely heart kites.

**Level:** Intermediate and Experienced **Class Size:** 12

**Fee:** \$30.00

**Bring:** Sewing machine and supplies\* plus a lighter and hole punch. If you want to bring a bag for your hearts, 30 cm x 30 cm is perfect.

**Barbara Meyer** Maple Grove, Minnesota  
**Delta Delirium kite** #7, all day Friday

Do you want a very well behaved kite? Barb's sled delta is one you should consider! It will not overfly in light and medium winds, with or without a tail. Do you want a unique kite? Your solid color kite can easily be appliquéd later with all the special touches you want, making it unique in the sky. Do you love tails? This kite will accept tails off the wing tips, from the center panel or both yet doesn't need tails for stability. It is an easy to sew project plus has details which will interest all builders since they also can be used in other applications. The kite is a delta with modified wings, a sled panel, and 2 keels, standing 48" tall with a wing span of 10 feet.



Join Barb and enjoy the easy to build, assemble, and fly Delta Delirium kite. With it's large size, it is a showy kite in the sky. She will contact students before class for their choice of color.

**Level:** All **Class Size:** 15

**Fee:** \$60.00 The kit does not include tails.

**Bring:** Sewing machine and supplies\* plus saw, double stick tape, hot cutter, rulers, pencil

Note: Extra kits will be available through advance order only. Please contact Barb at [bfmeyer@comcast.net](mailto:bfmeyer@comcast.net). All orders must be received by 3/1/2017 and should be picked up outside of class if you do not enroll for the Delta Delirium class.

\*See page 10 for supply suggestions.

**Don Mock** Tacoma, Washington

**Large Mock Form kite #8, all day Friday and all day Saturday**

Another of our very experienced teachers returns again with the 60 square foot Mock Form. You no doubt have seen the Mock Form flying at our local beaches. Don developed this soft kite many years ago in both a small and a large version. In 2017 you have a chance to build your own large Mock Form, complete with the graphic of your choice on the face of the kite. Don will send his students the material several weeks in advance so they can produce the finished face panels and bring them to class to complete kite construction.



**Level:** Intermediate and Experienced

**Class Size:** 8

**Fee:** \$ 200.00

**Bring:** Sewing machine and supplies\* including 2 large spools of thread.

**Ron Ortega** Vancouver, Washington

**Pattern Development with half square triangles kite #9 all day Saturday and Sunday morning**

We agree, the name is not flashy or even easy to say. But the class is one to definitely consider. Ron, another of our first time teachers, will explain and guide you through a novel way of putting together 2-color square quilt blocks. Ron will also teach a method for mass producing the blocks and assembling the kite, but the emphasis of this class is a low-tech but ingenious way of looking at quilt design that offers a different perspective for even experienced quilters.

Join Ron for his day and a half class for a beginner-friendly introduction to this popular sail creation method. Beyond new knowledge and skills, you will end up with a black and white 40" square Della Porta kite or come close enough to complete it at home with the written instructions and kit parts. Add a fuzzy tail, possibly not made in class, before enjoying your creation in the sky.

According to Ron, the most difficult part of the class will be deciding which design to use for your kite! So come prepared to play. New to quilting as applied to kitebuilding? This is a great way to be introduced and you will want to utilize these skills to make all sorts of multi-colored designs since they are techniques you can use on many kite shapes.

**Level:** All

**Class Size:** 12      **Fee:** \$65.00

**Bring:** sewing machine and supplies\* including a 24" X 36" cutting mat, roller cutter, metal rulers, 12" X 8" cutting mat, open toe applique foot, and a ¼ piecing foot.



Note: Extra kits will be available for purchase. Please see Ron outside of class if you do not enroll in his pattern development/Della Porta class.

\*See page 10 for supply suggestions.

**Gerry Pennell** Olympia, Washington  
***The Starting Point*** #10, Friday morning



Gerry's 4 hour class is the starting point Friday morning for beginner kitebuilders and kite sewers alike. Learn basic must-know information and invaluable hints and tricks. She will discuss helpful tools and basic "how to's" for kite sewing and will take students from "I want to sew a kite" to "I made this kite!". You will do exercises to become familiar with the sewing machine and make either the wonderful Greger Hip Pocket Hybrid sled kite or a windsock. Gerry's class is also worthwhile for those wishing to brush up on sewing skills before continuing on to other sewing classes. Note: Extra kits will be available to work on in class, in the afternoon, or as a take home project for enrolled students.

As an afternoon follow-up for Gerry's class, be sure to check out class #15, Bob Wendt's Split Eddy class, designed especially for beginners and Rod Beamguard's Rockin' Roller class, #1, also a great beginner class. Both are offered Friday afternoon.

**Level:** Beginning      **Class Size:** 10      **Fee:** Windsock \$15.00 Kite \$20.00

**Bring:** Bring a working sewing machine and know how to thread it and wind a bobbin. The instruction booklet is always good to have handy. Also bring 100% polyester thread, small scissors, glue stick, pins, and general sewing notions. Equipment will be available to use in class.

**Dick Toonen** Doetinchem, The Netherlands  
***Drumbox Kite*** #11, All day Saturday and Sunday morning

Welcome Dick for the first time at Ft. Worden! The Drum Box kite has literally taken over Europe. By spending a day and a half with Dick, you will be the start of our very own Drum Box craze. This is a fun kite to fly and looks amazing in the sky with dozens of others. No difficult bridles, just a single tow point. The Drum Box, a five-sided box kite, stands 90 cm tall and 85 cm wide (about 3 feet tall and 34 inches wide) and uses a special fitting made by Dick's friend, Jan Grandia. Yours will look like the picture here but this is a kite design that can be easily personalized if you make others later. Check out the third photo on the website (classes tab) to see some creative Drum Box designs.



Color choice? Yes! Please view the photo labeled "ColorChoice" on the classes page on our web site. Dick will contact students for their selection. If you don't see the perfect one for you, Dick will try to accommodate another color combination for you.

**Level:** Intermediate and Experienced      **Class Size:** 16  
**Fee:** Euro 70,00 Conversion to US dollars in March, 2017. (approximately US\$80.00, October, 2016)  
**Bring:** sewing machine and supplies\*

**Note:** Extra kits as well as extra fittings will be available for purchase. Please see Dick outside of class if you do not enroll in his Drum Box class.

\*See page 10 for supply suggestions.

**Deb Tumminia** Lincoln City, Oregon  
**Piecing together like Bobby Stanfield kite**

**#12, all day Saturday and Sunday morning**

Deb returns with a Della Porta kite. She is teaching the Bobby Stanfield method of piecing kite fabric together using Spray Mount. Bobby, a five-time AKA Grand Champion, is known for his flawlessly excuted kites. You will cut out colors and piece them together in one of several patterns using strips of black fabric and spray adhesive. The kite skin looks the same, front to back! You will chose your design in advance; Deb will contact her students. The 4 foot high kite you make in class will be different from your neighbor's as you will pick your own colors, too.

**Level:** All    **Class Size:** 15

**Fee:** \$60.00

**Bring:** sewing machine and supplies\* plus 3M Spray Mount

**Charmayne Umbowers** Gig Harbor, Washington  
**Zwirbel Line Laundry**    **#13 Friday morning or # 14 Sunday morning**

Zwirbel??? Yes, a zwirbel! It comes from the German verb "zwirbeln" which means to twirl between one's finger and thumb, as in "twirl a moustache". Created by Bernd Knüpfer, spin is exactly what the Zwirbel does. Not often seen on our coast and only taught once before in the US at the Maryland Kite Society 2003 workshop, the Zwirbel is definitely an unusual and eye-catching piece of line laundry. It turns lazily in gentle winds and like a tornado in high winds.

Charmayne will precut all your segments. Students can pick the third color to go with black and white. Choices include red, blue, and yellow. Charmayne will contact students to get their choice. This 10+ foot piece is short enough to put on your banner pole. Check out the web site to watch this sensational spinner in action! Spend one of the two possible morning sessions to sew this fun piece of line laundry.

**Level:** All    **Class Size:** 10    **Fee:** \$33.00

**Bring:** sewing machine and supplies\*



\*See page 10 for supply suggestions

**Bob Wendt** Puyallup, Washington  
**Split Eddy kite** #15, Friday afternoon

Bob brings us his original design which he calls the Split Eddy. Bob has taken the Eddy kite, split it vertically and added a Conyne style box keel (pictured right) or parallel side panel keels in-between the halves of the Eddy. This is a single line kite which stands about 40" tall and 48" wide. Your kite can be 1, 2, or even several colors. Bob will contact his students with several colors choices to select from and to get your choice of keel type. You can see both keel options on our web page. The kite flies with a 10 foot fuzzy tail. The tail and bag might not be completed in the class but will be in your kit.



Although Bob is definitely not new to us on the kite field or at Ft. Worden as a student, we welcome him as a first time teacher.

Spend the afternoon with him whether or not you attended Gerry's morning class and whether you are a beginning or experienced kitemaker.

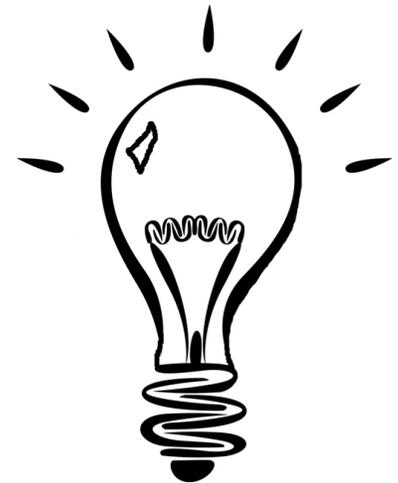
**Level:** All      **Class Size:** 10      **Fee:** \$30.00 for kite, tail, and bag

**Bring:** sewing machine and supplies\*

Note: Extra kits will be available for purchase. Please contact Bob in advance and find him outside of class if you do not enroll for the Split Eddy kite class.

**Rob Pratt** Lacey, Washington  
**Everything you always wanted to know about kite anchors and attachments alias Kitemakers' Round Table**  
#16, Sunday morning

Our ever popular Sunday morning Round Table is your opportunity to join in an open discussion focused on specific kitebuilding topics. In 2017, Rob Pratt will lead the way to figuring out ground anchors for sand and hard pack, line storage solutions, line attachments, straps and leashes, whatever it takes to secure your kite to the ground while flying it elevated in the sky. We want this to be a 2-way conversation, not a lecture, so if you have an idea to share about the way you attach lines or secure your kite, please bring it. Show and Tell is not just for Kindergarten!



As always, if you have another kite building conundrum, bring it along; chances are good that Rob and your companion attendees will have an idea or two to help solve your problem. Bringing samples and examples of your problem is definitely encouraged.

**Level:** All      **Class Size:** unlimited      **Fee:** \$0.00

**Bring:** paper & pencil, camera, problems and solutions!

\*See page 10 for supply suggestions.



**Attention, please! Aufmerksamkeit, bitte!  
Attenzione, per favore! Attention, S'il Vous  
Plaît!**

**Important information which can help you!**

### **A few important notes:**

Look for actual photographs of the projects and updates on the web at [www.kitemakers.org](http://www.kitemakers.org). Illustrations in this brochure are not to scale to each other.

We want everyone to have a great experience. If you have questions about your ability to handle a class, please read our skill level ratings on the Skill Level Information Sheet. Our registrar will be happy to help you with class suggestions appropriate to your level. Just ask!

Once you secure a place on a class list, you've *committed* to taking that class. In fairness to the instructor, it is expected that you will reimburse him or her for materials purchased and prepared for you, even if you don't participate in the class.

Class materials fees must be paid for with cash (exact amount appreciated) at the start of class.  
**Please, no checks.**

Are you wondering what "sewing machine and supplies" refers to? Here is some help...

**"Sewing machine"** means a working, well-tuned sewing machine complete with foot control, power cord, needles and bobbins and bobbin case. It is, of course, best to be familiar with your machine. Spending a few evenings of learning and practice if you are a beginning sewer or have a new machine will be of great benefit to you come class time. Be sure to tuck your instruction book in with the machine. The 'don't leave home without it' rule is always a good one for instruction books!

**"Supplies"** refers to the sewing related supplies we normally use at home when making a kite. Sewing your kite skin? Then these supplies can include extra machine needles, extra bobbins, a seam ripper, Scotch tape, double sided tape, needle threader, seam gauge, scissors for trimming threads, scissors for appliqué, beeswax, assorted colors of good thread plus black & white, etc. Before and after sewing, you may be happy to have brought a straight edge, cutting tools for fabric and rods and appropriate cutting surfaces, hot knife or hot pen, Super Glue and accelerant. **Nearly every teacher has suggested we ask their students to bring high quality thread and a freestanding light.** A pencil and notebook plus a camera are always good to have with you, too. So are an extension cord & multiple outlet strip. Does the description indicate a possibility of making copies of the instructor's templates? If so, bring a roll of wide paper to trace those templates. It is a wonderful opportunity to build another kite at home and not have to draft your own pattern. Is this the whole list; is this everything? NO! Do you have to bring absolutely everything listed here? NO! Bring what you use at home, what you think you may use, maybe even what you think you should leave at home.

**A special note** for those participants who need to fly into Seattle... We know it is hard to bring all your supplies plus a sewing machine. Think about packing your supplies and *borrowing* a machine for the weekend. Many of us have spare machines. Ask us for help if this is the only reason you are not attending! Or come try us out and take the non-sewing classes we offer.