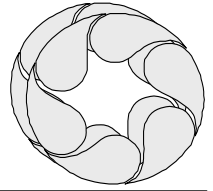


The *f* – Stop



Newsletter of the Camera Club of Brevard

October 2007

Website - www.ccbrevard.com

Email Address - info@ccbrevard.com

Club Officers

<u>Title</u>	<u>Name</u>	<u>Phone #</u>
President	Richard Thomson	848-1110
VP. (Programs)	Kathy Pihlaja-Lacina	757-8678
VP. (Field Trips)	Mark Mittleman	254-7722
Secretary	Elaine Christian	259-4759
Treasurer	Dan Striby	725-9210
Display Coordinator	Lib & Hermann Schiefner	773-9505
Membership	Kathy Pihlaja-Lacina	757-8678
F-Stop Editor	Arnold Dubin	723-7787
Webmaster	Arnold Dubin	723-7787

Membership Information

Single	\$30 per year
Family	\$35 per year
Student	\$15 per year

For more information, call any officer listed in our club directory. Friends and guests are always welcome at our meetings!

Monthly and Quarterly Themes

<u>Time Period</u>	<u>Theme</u>
November, 2007- Quarterly Contest	Simplicity
December, 2007	Annual Photos Contest
January, 2008	Black and White Photos
February, 2008	Breaking the Rules

Calendar of Events

- **Next Club Meeting:** 6:45 PM, **Wednesday November 7, 2007** at the Melbourne Library located on Fee Ave. near downtown Melbourne.
- **Next Board Meeting:** 7:00 PM, November 15, 2007 at Panera Bread 275 E Eau Gallie Blvd in Indian Harbour Beach. All Members are welcome.
- **November Program:** Ralph Sanders of "Art Supply of Melbourne" will be detailing the correct way to frame our photographs.

November Field Trip: On November 9th at 7:00pm, the Camera Club of Brevard will be having a field trip to "The Space Coast Fair". This will be an excellent opportunity to take colorful photographs with lots of action, people, rides, and amusements. Please see our web-site from more details.

• **Opportunity To Display Your Photos**

On Saturday, November 3, from 9:00 to 4:00, Satellite Beach will celebrate its 50th Anniversary with a Founder's Day and Women's Club Marketplace.

Our CCB has the opportunity to display pictures for sale in a 10x10 feet area. This will also be an opportunity to hand out material about CCB, letting people know what we do and where we meet. Email info@ccbrevard.com for more information
Lib Schiefner

The Annual Print Competition and Party

Here are dates to remember for our Annual Print Competition and Party:

November 7th (Camera Club Meeting)

- Pictures for the APC and payment must be brought to the camera club meeting, arrive early. **Entry fee is \$5.00 per picture.**
- Payment for the Party must be made. **Cost is \$8.00 a person.** Think about the "dish" you would like to bring to the party. See Marsha Sea for payment.
- Please bring to this meeting a CD of five pictures you would like shown at the APC and Party. We hope to have pictures from all our members for a photo slide show throughout the night. Please see Robin Faublconer at the meeting.

November 13th-committee meeting for the APC and Party at the Lowes Starbucks at 7:00pm

December 7th- The Annual Print Competition and Party.

Thank you:

The Camera Club would like to thank Darin Heinz for his October program on how to critique photographs. We all enjoyed his expertise. Please take advantage of his offer to critique one of your photos by sending a JPG picture file to: spacecoastphoto@hotmail.com



Photographed by Richard Thomson

Announcements

The camera club will have colorful lanyards made with name badges for our members. The cost will be \$10.00 each. We had a great response for these during our October meeting. If you did not order your lanyard and badge, we will have another sign-up during the November meeting. Please see Mike Hamilton at the meeting.

Club member Darin Heinz is offering exclusively to CCB members the opportunity to have their photographs critiqued. To receive a detailed photo critique, attach a JPG file not to exceed 1,000 pixels per side to an Email and send it to: spacecoastphoto@hotmail.com. You must put [CCB] in the subject line, full name somewhere body of the message, and limit submissions to one per member per month.

October Photo Theme Winners – Shadows



1st Place Richard Thomson 3rd place Portia Chavonelle 2nd Place Debbie Hamilton

Photographed by Darin Heinz

Darin Heinz Photo Critique For Honey Smith



First off, your composition is right on the money here. Not too close, not too far away, the guy fills the frame. Exposure on him is good, not too dark or light, and focus is sharp on his eyes and hands, which appear to all be the same distance from the camera. Maintaining a same distance (and therefore the same focal plane) allows you and the viewer to decide whether the subject is the man or the fire from his fingertips.

The black background, however, dissolves a bit too much into his wardrobe; it is difficult to tell where he stops and the world behind him starts. This could be easily remedied by using a flash unit with a remote cord attached; the flash could have been held off to the left, which would have given a little more surface contour to your subject, illuminating his black clothing just a little more (thereby keeping him from blending in so much). A white card (standard

20x30 foamcore sheets work well) out of the frame to the right would likewise light up the man's shoulders by virtue of reflecting the spilloff light from the flash. Of course, this approach would also eliminate the glare from under his eye. An alternative would be to light the

background and use a wider aperture (maybe f/5.6 or f/4) with a second light

just to the right of the camera. This way, the glare will be either eliminated or positioned to a more subdued location, the man's side to the right will be lit up, and his side to the left will become silhouetted against the out-of-focus background, an effect I have used in the past for corporate portraits. If you are using a non-removable flash, put the camera on a tripod, attach a bit of diffuser material to the flash (which softens down the light), and slow down the shutter speed but leaving the aperture alone in order to burn in the background a little.

A minor point here, but the half-eye could probably be more effective being either fully covered or fully exposed, but, as I said, this is really a minor point.

The fire from his fingertips adds a small but intense point of interest. Exposure on those flames is spot-on! I'm also liking the faint starburst effect on the one to the left; I can't tell if it was an artifact of aperture blades or an actual filter. Either way, it adds one more nice touch to the image.

Overall, this is a good intriguing image. The theatrical work can be difficult to do, since it frequently has inherently tricky exposure scenarios, but it seems like a nice fit for you. If this brand of work is something you'll be doing a lot, my recommendations are 1) to experiment with lighting so you can match a technique with an effect, and 2) to shoot with manual settings as much as possible in order to get a good handle on how the camera deals with lighting. Since the metering system cannot possibly know what you're actually shooting, it can't be fully trusted to make those critical decisions.

Thank you once again for your submission! It was a pleasure preparing this critique for you, and I look forward to our continued conversation.

Yours very truly,
Darin Heinz
Melbourne, Florida USA

Members Accomplishment

Steven Harp was asked by Balsa Bills Surf shop to take pictures of a paddleboard contest in August. This event was for surfers when there are no waves. Two of his photos are in the East Coast Surfing Hall of Fame Newsletter on page 3 & 5. He also has 10 of his photos posted on PaddleBoard.com taken at the August 11th event.



Photographed by Steven Harp

Kim Hunt will be exhibiting 15 Polaroid emulsion lifts displayed on 18 X 18 Travertine stone with the theme of Angels at the LoPressionism Gallery Of Fine Art in downtown Melbourne on November 22nd. This is in dedication to her brother who passed away suddenly on Nov. 1, 2006.



"Peaceful Angel" © Kim Hunt 2007

Johny Alives has been invited to the innagural Rockledge Gardens "Meet The Artist" event to be held Friday, November 2nd from 5pm to 7pm, and Saturday, November 3rd from 10am to noon. Wine and cheese will be offered at the Friday evening event. There is no charge for this event - just show up and enjoy. This event will feature a half a dozen local artists (Johny included) who presently have their art displayed, and for sale, at Rockledge Gardens. This event is sponsored and hosted by Rockledge Gardens for the purpose of giving the public an opportunity to meet local artists and to be able to talk to the artists personally about their work.

Photographs of Various Night Time Techniques



Photographer – Mike Hamilton



Photographer – Jeffrey Schlang



Photographer – Portia Chavonelle

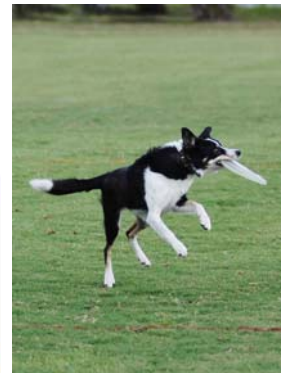


Photographer – Hermann & Lib Schiefner



Photographer – Arnold Dubin

Skyhoundz – Photographic Opportunity



Photographer – Ed McEwen



Photographer – Eric Albert



Photographer – Richard Thomson

Local Events for Photographic Opportunities

October 25-27, 2007 - Florida State H.O.G Rally. This rally is an all weekend motorcycle event that will take place in the Cocoa beach area. There has to be a lot of photographic opportunities available. This is a very big event for motorcycles. Numerous events are planned including feature drill team demonstrations, parade of flags, bike show, HOG Roast poker run, etc. For more details and times of these events, please visit the web site:

<http://www.flstatehogrally.com/index.html>

Opening-November 2, 2007, LOPRESSIONISM GALLERY OF FINE ART in downtown Melbourne celebrates the festive holiday "el dia de los muertos" (The Day of the Dead). Originating in Mexico, the day which is not at all somber, is a way to reunite with our relatives who are no longer with us. This show will run through January 4th. Club member, Kim Hunt, who works with rare Polaroid emulsions, will be one of the featured artists. 100% of the proceeds from a gift basket raffle, as well as a portion of the sales from the evening's event will benefit Wuesthoff Brevard Hospice and Palliative Care. Light refreshments and wine will be served.

November 1-4, 2007 Kennedy Space Center will host the Inaugural World Space Expo, a consumer show that celebrates NASA's 50 years in space exploration at the Kennedy Space Center Visitor Complex. The event will include air shows put on by the U.S. Air Force Thunderbirds Aerial Demonstration Squadron, which will fly over the NASA Causeway, on Nov. 3 and 4. You do not have to attend the event at the visitor's center to see the air shows. The Aerial Salute to 50 Years in Space will take place Nov. 3 and 4 over the NASA Causeway overlooking the Banana River. It will include the following aerial demonstrations: Air Force Thunderbirds Aerial Demonstration Squadron; Air Force F-22 Raptor; Navy F-18 Super Hornet; Air Force F-15 Eagle; Air Force 920th Rescue Wing, responsible for Mercury and

Gemini capsule recovery; Army Parachute Team Golden Knights; P-51 Mustang Heritage Flight.

November 1-11, 2007 The Space Coast State Fair located at the Cocoa Expo Sports Center located about 1/2 mile West of I-95 on SR 520. The Fair offers numerous photographic opportunities whether you are there in the daytime or at nighttime. Typically there are rodeo activities, car demolitions events, bands, amusement rides, and of course people to photograph. There is also a photograph display that features photographs that anyone may enter. See the Cocoa Expo web-site for more details on this contest: <http://www.cocoaexpo.com>

November 3, 2007 TitusNites Cruise-In - Starts at 4pm to 8pm.. It's a car lovers dream come true at this display of vintage, classic, antique and modern cars. There's live music, food, shopping and kids games. Plenty of fun for the whole family. Located in Downtown Titusville

November 10-11, 2007, Bonsai Society of Brevard proudly presents "A Weekend of Bonsai at the Zoo"

- Display: Over 50 of our best bonsai, including many previously displayed at Epcot and BSF Conventions.
- Demonstration/Lecture: At 1:00 p.m. each day.
- Raffles: Demo trees raffled after each demonstration/lecture.
- Venue: In the brand new conference center at the Brevard Zoo.
- Everything is in one spacious, air-conditioned building.
- Directions: The zoo is immediately adjacent to I-95 at Exit 191. The address is 8225 N. Wickham Rd., Melbourne.
- Hours and Cost: Zoo hours are 9:30-5:00 both days and admission to the zoo is \$10.50 for Adults, \$9.50 for Seniors, \$7.50 for Children (2-12) and free for younger children. After entrance to the zoo, admission to the bonsai display is free.

November 17 & 18, 2007 Artworks Eau Gallie fine art show. Located on Highland Avenue, Eau Gallie. This art show features fine art works. While not so much of a photographic opportunity, you will be able to see how professional artists and photographers visualize and present their art. Times are 10:00am to 5:00pm, cost is free.

December 1 & 2, 2007 Cracker Christmas at Fort Christmas Historical Park. A weekend of 'cracker' activities including pioneer demonstrations, large craft fair, exhibits, great food and more. Christmas, FL

Seminars and Workshops

The Digital Photography Edge

There is a seminar on "The Digital Photography Edge" that will be given on **November 8** at the Hilton Airport Palm Beach between 6-9:30PM. There is a mini tradeshow between 5-6PM. Pre-registration is \$49.95. See below Internet Address for more details.

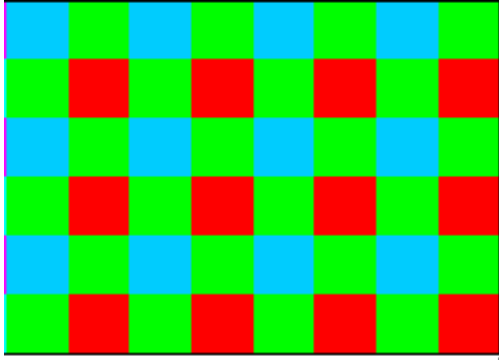
<http://www.thedigitalphotographyedge.com>.

The Camera Club of Brevard will be conducting a "Still Life Photography" workshop on Saturday, October 27th at 10:30am. This will be a great opportunity to learn about lighting and composition from experts in the photography field. Bring your camera and any items you would like to photograph for a "Still Life". The workshop will be held at the

Lagoon House located off Rt. 1 about 1.5 miles South of SR 192.

Pixels and Bits - *Hermann Schiefner*

No, this is not about dog food. Pixel is short for picture element. Bit is short for binary digit which is the smallest unit of information on a machine and they live in our cameras.



Digital cameras have a flat, thumbnail-sized sensor instead of the film as we know it from traditional cameras. That sensor is covered with millions of very small photosites. (A photosite is a light-sensitive diode.) They are arranged checkerboard fashion in rows and columns. They are so small that about 4000 of them fit into the length of an inch. There are three kinds: Those that accept red light, those for green and those that take blue. Actually, the diode inside each of the photosites cannot distinguish between colors; it only measures the quantity of the light, black and white in other words. But each photosite has a red, green or blue colored filter in front which only lets one of these three prime colors pass through. They are arranged in an alternate pattern. With few exceptions, each photosite creates one pixel. It has therefore become acceptable to call them pixels (everyone does it) but they really are not, they are photosites. A pixel has no size or shape. When it is born, it is just an electrical charge, a voltage level, on a photosite. A pixel only gets its size and shape later from the device that we use to display or print it with. We could speak of printed pixels on a page but there we really call them dots of paint or dye. It's on a computer monitor, where we call them pixels.

Light is a stream of particles called photons. When we take a picture, the camera shutter opens and closes very quickly. During that short time, photons from the optical image that the lens projected onto the surface of the sensor enter the photosites that are on that surface. The more light one photosite receives the more photons it records. Photosites that capture light from the highlights in our scene will have many photons. Photosites that capture light from the shadows will have few. Each photosite then converts the amount of photons into a corresponding electrical charge and feeds it into the software in the camera where it turns into ones and zeroes (it's now a pixel). Remember, each photosite records only brightness. It's the filter in front of each pixel that makes the light red, green or blue. The camera's image processor interpolates (changes) this original color of each photosite by considering brightness and color of its surrounding sites. Millions of calculations are made in a second or two. In this way, in each pixel, one of 256 possible hues will be created and stored in what is called a JPEG file. When the camera is set to capture RAW files, the pixels of an image are not going through that

interpolating process in the camera. - A photo-editing program, like Photoshop, can read the ones and zeroes of each pixel and lets us see them on the computer monitor and print them on paper.

We just touched on a statement: Each pixel can hold one of 256 colors or more. We're getting into the bits now. We're talking about color depth or bit depth. Equipment that most of us work with in digital photography may refer to a bit depth of 8 bpp (bits per pixel) or 8 bits per channel. Those are two different animals. Channels are the three primary colors that make up white light. We speak of a red channel, a green channel and a blue one. Mixing discrete portions of these prime color channels creates a new color.

The number of bpp (bits per pixel) tells how many hues of color or shades of gray a pixel can hold. An 8-bit pixel can hold 256 different colors. How so? - To understand that, let's paint a mental picture. We can think of 8 bpp as eight "tiny switches" being part of and stacked behind the pixel. Each "switch" can only flip to two positions, either on or off. Each of these switch positions would represent a certain hue or shade. Two positions on each of the 8 switches makes for quite some combinations: namely $2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2 \times 2$ that is 256 possible combinations to express color. On the other end of the scale, a 1-bit pixel would be monochrome. It has only one "switch" behind each pixel that can either flip to black or to white. - Some older color systems divided the 8 bpp into 3 bpp for red, 3 bpp for green, and 2 bpp for the blue color. That's called "8-bit Direct Color".

Newer systems use 8 bits per channel. That means 8 bits for red, 8 bits for green, and 8 bits for the blue color. That makes 256 levels in each of the three colors. $256 \times 256 \times 256 = 16,777,216$ mixed colors. That's "24-bit Truecolor", also referred to as "Millions of Colors" on Macintosh systems.

Our DSLR cameras work with three colors, red, green and blue. A good camera may record 12 bits per color. When we have 12 bits per color in the camera, we talk of 4096 levels of intensity per color. But this is reduced to 8 bits per color when the camera is set to JPEG and goes through that interpolation process. Then we'll have only 256 levels. When we use the RAW setting, the camera maintains the 12 bits per color and the interpolation process must then be done in our computer at home. Actually, a DSLR is always recording in RAW. It's the image processor in the camera that produces the JPEG or TIFF file. - Processing in Photoshop lets us choose between 8 and 16 bits per channel but most of our printers can only handle 8 bits.

The definition of the term pixel is highly context sensitive. For example, we can speak of printed pixels in a page, or pixels carried by electric signals, or represented by digital values, or pixels on a display device, or pixels in a digital camera (photosites). Many definitions, forms and sizes of pixels are in use. To draw an analogy, we can think of a pixel as a single letter of the alphabet in an essay. The essay is the picture. The letter is the pixel made up of bits. - The descriptions in this article are meant to provide only an elementary understanding of their use in our hobby, digital photography.

Sunny 16 Rule - *Pro Photo Magazine 10/3/07*

The basic exposure for an average scene taken on a bright, sunny day is f/16 at a shutter speed equivalent to one over the ISO setting -- that is, f/16 at 1/100 sec at ISO 100. From this you can

interpolate, and try f/22 at the beach, f/11 on a cloudy-bright day, etc.

Photo Displays

<u>Photographer</u>	<u>Title</u>
Photo Display at DRS Center Satellite Beach:	
Deborah Kossich	French Impression
Jan Ragan	Indian Outlook
Jim Ragan	Buddies
Jim Ragan	Jellyfish 1
Jim Ragan	Jellyfish 2
Jim Ragan	Jellyfish 3
Kathy Pihlaja Lacina	Painted Face
Lib Schiefner	Floral Fantasy
Shannon Mc Gregor	Seagull
Stan Crandall	The Three Little Kittens

Photo Display at 5th Ave Bank of America:	
Bill Beach	Home Sweet Home
Deborah Kossich	One Wild Ride
Hermann Schiefner	Nature prevails
Hermann Schiefner	Frauenkirche
Hermann Schiefner	Sun Speckled Meadow, Ireland
Hermann Schiefner	Tulips
Marsha Sea	Magnolia - Black and White
Marsha Sea	Yellow Lily
Marsha Sea	Clouds
Marsha Sea	Female Mallard

Photo Display at Nonlawyer Satellite Beach:	
Deborah Kossich	Warp Drive
Elaine R. Christian	Leaf Art
Elaine R. Christian	Leaves
Elaine R. Christian	Babies
Elaine R. Christian	Fire
Elaine R. Christian	Purple Sun
Elaine R. Christian	The Rose
Hermann Schiefner	Flamingo
Hermann Schiefner	Quiet Harbor
Lib Schiefner	Wild Poppies

BCA current display at Cancer Center:	
Elaine Christian	Seat For Two
Gayle Baker	Let's Do Lunch
Kathy Pihlaja Lacina	Train
Kathy Pihlaja Lacina	Destiny
Kim Hunt	Present Hopes
Kim Hunt	Play Time
Kim Hunt	Bird's Eye View
Kim Hunt	Sun Dreams
Kim Hunt	Soul Searching
Omner Calhoun	Still Motion

Ready for pickup, call 773-9505:	
Carlos Davis	Taste of Tuscany
Carlos Davis	Story Time At Grandma's
Carlos Davis	Apples & Oranges
Deborah Kossich	Tropical Storm
Deborah Kossich	Glad to Be Silk
Deborah Kossich	Perspectives #2
Mary Fries	Serenity

BCA accepted. Now on hold for future display:

<u>Photographer</u>	<u>Title</u>
Dan Striby	Forgotten
Elaine Christian	Blue Dendrobium Orchid
Elaine Christian	Lily Pad
Elaine Christian	Flyaway Miami Orchid
Gayle Baker	A Summer Read
Gayle Baker	Land Anemone
Gayle Baker	Ice House
Stan Crandall	Blood Pool, Japan
Stan Crandall	Bridge Over Chan He River

Camera Equipment for Sale

All equipment is in excellent condition.
Contact Gene Best at 321-452-0726 for the details

- Mamiya Model 645
- 3 Lenses, including wide angle and zoom
- Gossen light meter
- Tripod
- Flashes
- 2 Backs, 120 and 220
- Lots of filters, and more
- Will be sold as a lot, must sell