



June Club Meeting - 7:30pm Friday 12th at the Canberra Irish Club, 6 Parkinson Street, Weston

2009 PROGRAM

PRESENTATIONS

Month	Presentation & Coordinator
June	Colour inkjet printing/monitor calibration (Warren Hicks/Rod Burgess)
July	
August	Advanced Photoshop (Photoshop Special Interest Group - Shane Baker coordinating)
September	Landscape Photography (Robert Deane)

PLEASE NOTE THE CHANGE OF DAY FOR THIS MONTH'S MEETING

EXCURSIONS

Month	Excursion & Coordinator
June	National Portrait Gallery Sunday 14 th at 11am
July	Table top/Close up Photography
Aug	tba
Sept	Coast overnight (Giles West)
Oct	Botanic Gardens, (possibly overnight to Laurel Hill near Batlow as well)
Nov	Outdoors location - Wadbilliga, London Bridge, Legoland, Tidbinbilla ...

SPECIAL INTEREST GROUPS

See end of Newsletter for Photoshop SIG program.

OLYMPUS PEN SERIES

HALF-FRAME CAMERA BOON

By using the half-frame format, Olympus was able to reduce both the weight and size of the Olympus Pen. It featured a simple rear-winding mechanism, a D-Zuiko lens for superior photographic quality, and an attractive design that also made the camera extremely easy to use. The Pen was a compact mix of innovative ideas that triggered the half-frame camera boom of the 1960s and 1970s. Cumulative sales of Pen Series cameras exceeded 17 million units. The highly original concepts embodied in the Pen Series would eventually lead to the creation of the legendary Pen F Series half-frame single-lens system.

OLYMPUS PEN (1959)



The first-generation Olympus Pen camera appeared in 1959. The design process began with the concept of creating a camera that could be sold for ¥6,000 yen. The Pen combined the superb photographic performance of the D-Zuiko lens with excellent portability, and it was also used by professional photographers as a secondary camera.



OLYMPUS PEN EE (1961)



With the Olympus Pen EE, the emphasis was on efficiency. Features included fixed focus, a shutter speed of 1/60 sec., and automatic exposure adjustment. Anyone could take beautiful photographs simply by pushing the button. The camera was priced at ¥10,000 yen. Olympus eventually introduced eight models in the Olympus Pen EE series, which became a driving force for the popularity of the Pen cameras.



OLYMPUS PEN EES (1962)



Launched in 1962, the Olympus Pen EES was the world's first camera with a programmable EE shutter. The shutter speeds were 1/30 and 1/250 sec. The shutter speed changed automatically according to light level, thus increasing the appropriate exposure range. A three-zone focus system was used to adjust the focal point. The Olympus Pen EES heralded the start of the programmable EE camera boom.



OLYMPUS PEN D (1962)



The Olympus Pen D was introduced in 1962 as the top model in the Olympus Pen range. Many professional features were packed into its compact body, including a high-performance F1.9 large-aperture lens, a high-speed 1/500 sec. shutter, and a built-in exposure meter that allowed direct reading of the LV.

OLYMPUS PEN EM (1965)



The Olympus Pen EM went on sale in 1965 with three new features: an electronic shutter, automatic film advance, and automatic rewind.

The electronic shutter allowed an exposure range from 30 sec. down to 1/500 sec. according to the brightness of the subject. Power for the shutter, film advance and rewind systems was provided by two built-in AA batteries. While the Olympus Pen EM had a major influence on the future of electronic technology and automation in cameras, there were manufacturing problems that could not be overcome with the technology then available. Sadly, production ceased after just one year.

OLYMPUS PEN F (1963)



The Olympus Pen F was the world's first and only half-frame system single-lens reflex camera, released in 1963. The camera featured a porro-prism finder and was the first to have a rotary titanium shutter. It could be used with a highly versatile range of 20 exchangeable lenses. The Olympus Pen F was a revolutionary camera packed with innovative features. The rotary shutter, which combined speed with durability, was reportedly perfected only after long and hard effort by Olympus engineers.



OLYMPUS PEN FT (1966)



The Olympus PEN FT went on sale in 1966. Though identical to the Pen F in external appearance, it had a built-in TTL exposure meter.

When the camera was pointed at a subject, the TTL number exposure control system displayed an aperture number in the view-finder according to the shutter speed setting. There were many other enhancements, including a single-action film advance system, and a built-in self-timer.

INDUSTRY NEWS

FIRMWARE UPDATES

OLYMPUS UPDATES FIRMWARE FOR FOUR ZUIKO LENSES

Olympus has announced firmware updates for four of its lenses. The Zuiko Digital ED 8mm F3.5 Fisheye, ED 18-180mm F3.5-6.3, ED 70-300mm F4.0-5.6 and ED 90-250mm F2.8 are all modified to improve performance when sequential shooting on the E-3 and E-30 DSLRs in Continuous AF mode.



CANON ANNOUNCES UPDATE FOR EOS 5D MARK II

Canon has announced a firmware update for its EOS 5D Mark II digital SLR. The new firmware will be available for download from 2 June 2009 on Canon Europe's support web site. Following the launch of the EOS 5D Mark II in September 2008, Canon's Research and Development team has listened closely to customer feedback to develop additions to the camera's movie recording functionality. Allowing EOS 5D Mark II owners to achieve even more stunning video results with the camera, the firmware update will include the following manual controls when shooting video:



- Full aperture selection
- ISO speed: Auto, 100 – 6400 and H1
- Shutter speed: 1/30th – 1/4000th second

The EOS 5D Mark II integrates full HD movie capability into a high-end 21.1 Megapixel camera; opening a multitude of new possibilities for photojournalists and news photographers. Since its launch the camera has proved its appeal to professionals working in diverse fields, from studio and wedding to nature and travel. Now, following customer feedback, Canon has improved functionality for professional video

users, further unleashing the potential of the EOS 5D Mark II for cinematographers and photographers alike.

[Click here to download the firmware update for Canon EOS 5D Mark II](#)

PANASONIC UPDATES FIRMWARE FOR LUMIX 14-45MM LENS

Panasonic has released a firmware update for its Lumix G Vario 14-45mm F3.5-5.6 lens. Version 1.1 improves auto-focusing ability of the lens in Continuous AF mode. It also improves auto-focus and image stabilization performance in movie mode on the GH1 and makes the aperture quieter.



SIGMA ISSUES DP2 FIRMWARE UPDATE

Sigma has posted a firmware update for its DP2 large-sensor digital compact camera. Version 1.01 improves auto focus and reduces the intermittent freezing of the camera that can occur under certain conditions. The update is available for immediate download from Sigma's website.



SOFTWARE UPDATES

NIK SOFTWARE RELEASES SHARPENER PRO 3.0 FOR LIGHTROOM

Nik Software has announced a version of its Sharpener Pro 3.0 sharpening plug-in for Adobe Photoshop Lightroom. The plug-in is compatible with Lightroom v2.3 and higher and is available for immediate download for \$US199.95 or free to existing users. [Click here for more information and to download the plug-in](#)



APPLE RELEASES RAW COMPATIBILITY UPDATE

Apple has released a Digital Camera RAW Compatibility Update for Aperture 2, iPhoto '08 and iPhoto '09. Update 2.6 supports RAW files from the Canon Digital Rebel T1i (EOS 500D in Europe and EOS Kiss Digital X3 in Japan), Nikon D5000 and Olympus E-30 digital SLRs. The update is available for immediate download from Apple's website.



[Click here to download the Digital Camera RAW Compatibility Update 2.6](#)

EQUIPMENT

PENTAX K-7 MID-CLASS DIGITAL SLR ANNOUNCED AND PREVIEWED



PENTAX Imaging Systems Division announced the launch of the PENTAX K-7 lens-interchangeable digital SLR camera. Despite its compact, lightweight body, this new model brings together a wide array of advanced functions and user-friendly features with outstanding reliability and operability. This makes it possible to enjoy high-quality digital SLR photography with great ease.

The K-7 has been developed as a high-end model of the PENTAX K digital SLR camera series. True to its series concept, it was designed not only to assure outstanding image quality, but also to provide exceptional ease and comfort of operation and the utmost satisfaction to photo enthusiasts of all levels, including advanced amateurs. After making a thorough review of all essential digital SLR camera components and functions, PENTAX has revised and upgraded many of them, including viewfinder, shutter unit, continuous-shooting capacity, and exposure and

autofocus systems. Protected by a durable, high-quality metallic body, but the K-7 is designed to be extremely compact and functional — just like all other K-series models — for enhanced portability and maneuverability. In addition, it has added several user-friendly features, including video recording, high dynamic range (HDR), and automatic horizon correction. All of these make the K-7 a tremendous photographic tool, perfect for all discerning digital SLR photographers.

MAJOR FEATURES

Durable and functional body, smaller than any other in its class

The K-7 is built exceptional solid and durable, as its chassis is made of high-rigidity stainless-steel alloy and its housing is made of durable but lightweight magnesium-steel alloy. Thanks to 77 special seals applied to the body, it also features a dustproof, weather- and cold-resistant construction, assuring reliable operation even under harsh conditions and at a temperature as low as -10°C. It also features a newly designed shutter unit providing a top shutter speed of 1/8000 second and the outstanding durability to withstand 100,000 shutter releases. Despite all these features, the K-7 is one of the most compact and functional mid-class models in the market, because PENTAX applied all the experience and expertise in camera downsizing the company has developed from the earliest days of film-format SLR cameras.

Optical viewfinder showing nearly 100% field of view

The K-7's glass prism finder offers an approximately 100% field of view and an approximately 92% magnification to facilitate focusing and framing operations. It also features a new Natural-Bright-Matte III focusing screen to improve focusing accuracy during manual-focus operation.

High-speed continuous shooting at approx. 5.2 images per second

The K-7's high-speed continuous shooting mode captures as many as 40 images (in JPEG recording format) at a maximum speed of approximately 5.2 images per second, allowing the photographer to follow the movement of an active subject or preserve a sequence of the subject's expressions.

New DR II mechanism to minimize dust spots

The K-7 comes equipped with the newly developed DR (Dust Removal) II mechanism, designed to effectively minimize annoying dust spots on recorded images, even after changing lenses in dust-prone outdoor settings. By shifting the low-pass filter located in front of the CMOS image sensor at supersonic speed using a piezoelectric element, it shakes the dust off the low-pass filter as effectively

and efficiently as any other dust removal device. The K-7's unique dust-alert system also lets the user check for dust adhering to the low-pass filter prior to actual shooting.

High-quality image reproduction

- **Approximately 14.6 effective megapixels for true-to-life image reproduction**

The K-7 incorporates a newly developed CMOS image sensor measuring 23.4mm by 15.6mm and featuring a high-speed, four-channel image data readout. With approximately 14.6 effective megapixels, this image sensor can faithfully and accurately reproduce fine-detailed, gradation-rich images. With the adverse effects of digital noise greatly reduced, the sensitivity can be increased from ISO 100 up to the highest level of ISO 6400 (via a custom function) without worry.

- **High-performance, high-speed PRIME II imaging engine**

The K-7 features the newly developed PRIME (PENTAX Real Image Engine) II, an upgrade of the original PRIME, as its imaging engine. This new imaging engine offers greater data-processing speed and produces better-quality images with richer gradation and more accurate color rendition. It also offers high-speed movie data transmission.

New 77-segment multi-pattern metering

Newly developed for the K-7, a sophisticated 77-segment multi-pattern metering system greatly improves light-metering accuracy. By accurately analyzing various types of data (such as the image's composition and format between upright and horizontal, and the subject's distance and magnification) transmitted from the sensors in the camera body, this system greatly improves the accuracy of exposure control.

New-generation SR mechanism for improved shake-reduction effect

The K-7 features the PENTAX-developed SR (Shake Reduction) mechanism, which effectively compensates the adverse effect of camera shake by approximately 2.5 to four shutter steps, assuring sharp, blur-free images even under demanding shooting conditions. This innovative mechanism is compatible with all PENTAX interchangeable lenses — even most of the lenses designed for film-format cameras.* Since this new-generation version can freely shift the image-sensor unit to keep it level regardless of the camera's inclination, it also provides such user-friendly new functions as automatic level adjustment and minute angle adjustment (in the direction of up/down, right/left and

clockwise/counterclockwise), helping to compose the image exactly the way the photographer wants.

Live View real-time, on-display image confirmation with Face Recognition AF and high-speed continuous shooting modes

The K-7 features the Live View function, which allows the user to view the image on the LCD monitor during shooting. You can take advantage of this convenient function not only in the Contrast AF mode, which optimizes the focus based on the subject's contrast, but also in the Face Recognition AF mode, which automatically and accurately focuses on the subject's face. Thanks to the newly developed diaphragm-control mechanism, the Live View function can also be used in the continuous shooting mode with the mirror at lock-up position.

High-quality still image recording at 1280 x 720 pixels; 30-frames-per-second movie recording at HD-television proportions

The K-7 adds a new movie recording function, extending the benefits of SLR photography to the world of movie shooting: For instance, reduce the depth of field to make the subject stand out, or use different lenses to create distinctive visual effects. Beautiful movie clips can be recorded at different sizes — 640 x 416 pixels, 1536 x 1024 pixels, or 1280 x 720 pixels (16:9 high-definition TV proportions) — at a frame rate of 30 frames per second. The K-7 is also equipped with an HVMI terminal and an external microphone input terminal.

New 11-point wide-frame AF sensor

The K-7's new SAFOX VIII+ wide-frame autofocus system features 11 sensor points (with nine cross-type sensors positioned in the middle). By adding a light source type to its data range, and driven by a greatly improved algorithm, this AF system assures reliable, responsive autofocus operation superior in speed and accuracy to the previous system. The K-7 also incorporates an AF-assisting spotbeam projector in its built-in flash unit to improve autofocusing accuracy in the dark.

Custom Image function to easily create desired visual effects

The K-7's Custom Image function lets the user control the image's finishing touch to capture their photographic intention, or reproduce the ambience of the scene. With the K-7, the user can select one of seven modes, including the new "Muted" mode designed to recreate an image with delicate, subdued colors. In addition to saturation, tone, contrast and sharpness — the factors previously available — it is now possible to adjust "key" and "contrast highlight/shadow" to the desired levels. The effects of these factors can be effortlessly confirmed on a

preview image using the Digital Preview or Live View function before finalizing the settings.

Versatile exposure system for faithful reproduction of creative intentions

- **Hyper Program function**

The K-7's Hyper Program function allows the user to instantly switch to the Shutter- or Aperture-Priority AE mode from the Programmed AE mode, with a simple turn of the electronic dials on the grip. To return to the Programmed AE mode, simply press the green button positioned next to the shutter release button.

- **Hyper Manual function**

When shooting in Manual mode, a single push of the green button allows the user to instantly set the proper exposure for the subject.

- **Sensitivity-Priority mode**

The K-7 features a unique Sensitivity-Priority (Sv) mode, which is designed to automatically select the optimum combination of aperture and shutter speed for a user-selected sensitivity. The sensitivity can be shifted instantly in 1/2 or 1/3 steps by turning the electronic dial on the back panel.

- **Shutter/Aperture-Priority mode**

Taking full advantage of the unique capability of digital cameras permitting automatic shift of sensitivity at any time, the Shutter/Aperture-Priority (TAv) mode automatically selects the most appropriate sensitivity for a user-selected shutter-speed/aperture combination. It allows the user to experiment with a greater range of photographic expressions with great ease.

Large, easy-to-see 3.0-inch wide-view LCD monitor with approximately 920,000 dots

The K-7 features a large 3.0-inch color LCD monitor with approximately 920,000 dots on its back panel. Its wide-view design allows the photographer to check the monitor image from approximately 170 degrees both vertically and horizontally, facilitating low- and high-angle shooting using the Live View function.

Powerful rechargeable battery

The K-7 is powered by a large-capacity, rechargeable lithium-ion battery, which can capture approximately 980 images** when fully charged.

- Dynamic-range expansion function to compensate for both white-washed (overexposed) and blacked-out (underexposed) areas
- Digital level function for easy checking of the image's levels
- Automatic compensation of distortion and lateral chromatic aberration (available only with DA- and DFA-series lenses)
- White balance control, featuring a new CTE mode to emphasize the color components of sunset scenes and a new incandescent-tinted fluorescent light mode
- Multi-exposure function, with a superimposition of already-recorded images on the LCD monitor for at-a-glance comparison
- Attachment of copyright credits on recorded images
- RAW button for single-action switching of image file format
- 16 digital filters to add a range of visual effects; a new function to record an overwritten history also available
- Color-specific control buttons/dials for easy recognition and quick access, based on the universal color design
- PENTAX Digital Camera Utility 4 software package, including a RAW-data processing application (based on the popular SILKYPIX RAW-data processing engine developed by Ichikawa Soft Laboratory) and a browser application

Optional accessory

Battery Grip D-BG4

Exclusively designed for the PENTAX K-7 camera body, the Battery Grip D-BG4 is powered by either a rechargeable lithium-ion battery or six AA-size batteries. Since it supplements the camera's battery as an additional power source, the number of recordable images is greatly increased. To facilitate vertical-position shooting, this grip features extra shutter-release button, preview lever, electronic dials, AE-lock button, Green button and AF button. It also provides the same dustproof, weather- and cold-resistant construction as the camera body itself.

OTHER FEATURES

- HDR (high dynamic range) function to create one composite image with an extra-wide gradation range from three images with different exposures

ADDITIONAL IMAGES



PENTAX LAUNCHES TWO WEATHER RESISTANT LENSES



Along with the K-7 DSLR, Pentax has launched the smc PENTAX-DA 18-55mm

F3.5-5.6AL WR and smc PENTAX-DA 50-200mm F4-5.6ED WR weather-resistant lenses. Treated with Super-Protect (SP) coating for dust resistance and designed with environmental sealing, both the lenses complement the latest Pentax weather-resistant DSLRs. Priced at \$199.95 USD for the DA 18-55mm and \$249.95 USD for the DA 50-200mm, the lenses will start shipping in July 2009.

SONY LAUNCHES ALPHA 230, ALPHA 330 AND ALPHA 380



Sony has announced three new entry-level DSLRs. The A230, A330 and A380 replace the Alpha 200, 300 and 350. The restyled cameras offer new ergonomics and easy-to-use interfaces, but retain the underlying specification of the predecessor models. As before, the basic model is a 10MP DSLR, the intermediate model adds Sony's fast live view system and the range-topping model gets a 14.2MP sensor. The new Alpha DSLRs are better differentiated from one another, with individual color schemes and grip finishes helping to distinguish between the models. (04:00 GMT)

SONY UNVEILS FOUR NEW LENSES

Sony has announced four new lenses to accompany its new Alpha models. Aimed squarely at the first-time DSLR owners it's done so much to attract, all feature inexpensive



construction (including plastic mounts) and a new in-lens autofocus system designated SAM (which stands for Smooth Autofocus Motor). First up is a pair of new kit zooms (standard and telephoto), in the shape of the DT 18-55mm F3.5-5.6 SAM and the DT 55-200mm F4-5.6 SAM. These are accompanied by a pair of primes; the DT 50mm F1.8 SAM and the DT 30mm F2.8 macro SAM. Prototypes of all four lenses were first shown at PMA earlier this year.

CANON ISSUES
SERVICE NOTICE FOR
1D/1DS MARK III



Canon has released a service notice for its EOS-1D Mark III and EOS-1Ds Mark III DSLRs.

It addresses the issue of ring-shaped spots appearing in the images of some cameras - caused by lubricant from the mirror box getting onto the Low Pass Filter. Owners of affected cameras can contact Canon's customer support centre for a free cleaning of the mirror box.

TAMRON 10-24MM FOR SONY AND
PENTAX COMING
SOON



Tamron has announced that the availability of Sony and Pentax versions of its 10-24mm wide-angle zoom APS-C cameras. The lens, which received a Recommended rating when tested in its Nikon mount guise, will be available in Japan from June 12th, the company says, with sales then expanding to other markets.

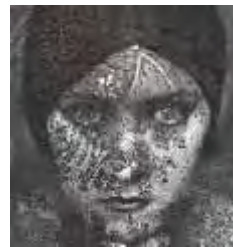
WHAT'S ON – EXHIBITIONS & EVENTS

EXHIBITIONS



VANITY FAIR PORTRAITS 1913-2008
NATIONAL PORTRAIT GALLERY
5 JUNE - 30 AUGUST 2009

Temporary Exhibition Gallery



Wrap yourself in the covers of Vanity Fair magazine this winter. Stroll among rare vintage prints and contemporary classics of the great thinkers, actors, artists and celebrities of the

20th century including the works of master photographers such as Edward Steichen, Cecil Beaton, Annie Leibovitz and Mario Testino.

Vanity Fair Portraits traces the birth and evolution of photographic portraiture through the archives of Vanity Fair magazine. Visitors can expect to see many familiar and famous faces in this exhibition depicting the history of celebrity portraiture for which Canberra is the only Australian venue. This is a touring exhibition from the National Portrait Gallery London.

GAREMA - IAN COPLAND



Where: Photo Access - HUW DAVIES GALLERY
Corner Manuka Circle and New South
Wales Crescent,
Griffith (next door to the Manuka Pool)
Manuka ACT 2603

When: 11 June–28 June
10 am to 4 pm Tuesday to Friday
12 to 4 pm Weekends

Contact: Phone: (02) 6295 7810



SONY ACMP PROJECTIONS 09,



Canberra screening

Projections is an annual photographic competition. It aims to identify Australia's top emerging photographers and to raise their profiles by presenting their fresh and challenging work to the creative industry and wider community.

Where: M16 Artspace
16 Mildura Street, Fyshwick, ACT 2609,
Australia

When: 05/6/09 - 12/06/09
Gallery hours: wed-sun 12-5pm

Contact: email: office@m16artspace.com
tel: +61 2 6295 9438

UPCOMING EVENTS

NATIONAL YOUTH SELF
PORTRAIT PRIZE 2009

A selection of entries, including the prize-winning work, will be displayed at the National Portrait Gallery and as an online exhibition from 23 July–13 September 2009.

Position	Person	e-mail address	Phone (ah):
President	Rod Burgess	rodkym@actewagl.net.au	6292 6698
Sec/Treasurer	Kim Barnabas	gerkims@tpg.com.au	
Newsletter Editor	Warren Hicks	hicks@netspeed.com.au	6288 3689

SOUTHSIDE CAMERA CLUB - PHOTOSHOP SIG MEETING TOPICS 2009

June 25	Scanning	Rod Burgess	TBA	
July 23				Shane Baker can't attend.
August 13	<i>Presentation to Club</i>	<i>To be decided</i>	<i>Irish Club</i>	<i>Topic to be decided. Subject more advanced than May.</i>
August 27				
September 24				
October 22				
November 26				

*** Possible early formal topics (in no particular order):**

- Cloning and healing
- Levels
- Channels