The Board has moved and adopted the following Motion: “To acknowledge our President's dedication and leadership, through his constant hard work and effort in managing the affairs of the IAAA, the Board bestows upon David A. Hardy a Lifetime Membership to the IAAA." Thank you Dave....
**From the Editor**
Hi Gang. This issue we’ve got great news about our new Fellow members, plus a bunch of new member profiles. Some news and pictures about asteroids and the successful NEAR mission round out the fun. In fact we’ve got so much news this issue that I ran out of room for the Art Tips - it’ll be back next issue. See you then!

**WORKSHOPPIN’ TIME!!**
Join your fellow artists for an inspiring workshop in one of the most dramatic parks in the world, Yellowstone National Park, September 13-19 (Wednesday - Tuesday), 2000. Our adventure will begin early the morning of the 13th. We will be leaving from West Yellowstone, driving into the park, stopping at such places like Gibbon Falls, Artist Paint Pots, Norris Geyser Basin, and Obsidian Cliff. The next day, we will explore Mammoth Hot Springs, Angel Terrace and the Upper and Lower Terraces. We will continue on to see Specimen Ridge, Roosevelt Lodge, and then make our way to Canyon Village, where we will delight in the Grand Canyon of Yellowstone, Artist Point and Inspiration Point. These are the wonderful spots where Thomas Moran and many other artists painted vistas plein air. We will continue to explore Hot Springs Overlook, Mt. Washburn Trail, and the Upper and Lower Falls. *(Cont’d on pg 10)*

**Astronomical Feature of the Month:**
After barely a month in orbit around asteroid Eros, NASA's Near Earth Asteroid Rendezvous (NEAR) spacecraft is astounding scientists with ever more detailed views of geologic features and scientific accomplishments.

NEAR team members have found evidence of geologic phenomena that could have originated on a much larger parent body from which Eros was derived. In their search to decipher the mysteries of Eros, they have obtained the first ever laser range returns from an asteroid and the first ever x-ray detection of an asteroid. High-resolution images are surprising scientists by the abundance of ridges, chains of craters, and boulders.

NEAR-Shoemaker, as the probe has been renamed, was launched on Feb 17, 1996, by a Delta-2 rocket from Cape Canaveral Air Station. This was the smallest rocket ever used for a planetary mission. About the size of a car, NEAR is made of eight 18-square-foot aluminum panels and is 9 feet, 2 inches long including its main antenna.

NEAR's four solar panels - each 6' long and 4' wide - surround the 5-foot diameter high-gain antenna on top of the spacecraft. Including propellant and instruments, NEAR weighed 1,775 pounds at liftoff.

The NEAR mission aims to answer fundamental questions about the nature and origin of the many asteroids and comets close to Earth's orbit. These "near Earth" objects may contain clues about the formation of the Earth and other planets. Eros' pristine surface offers a look at conditions in space when Earth was formed more than 4.5 billion years ago.

Originally, NEAR was supposed to reach Eros two years and 327 days after launch, but the first orbital insertion attempt on Dec. 20, 1998 failed. This forced mission designers to add another year and 23 days to the trip.

The projected total mission cost is $224.1 million. NEAR-Shoemaker was the first launch in NASA's Discovery Program.

*Source: discovery.nasa.gov/mission.html*

This image, showing an oblique view of Eros' large central crater, was taken at a resolution of about 20 meters (65 feet) per pixel. The brightness or albedo patterns on the walls of this crater are clearly visible, with the brighter materials near the tops of the walls and darker materials on the lower walls. Boulders are seen inside this crater and the smaller nearby craters. The higher density of craters to the left of the large crater implies that this region is older than the smoother area seen associated with the saddle region on the opposite side of the asteroid. NASA image.
NEXT WORKSHOP!!!

After dragging the artists away from this glorious section of Yellowstone, we will explore and experience Sulfur Cauldron, the Mud Volcano and Yellowstone Lake. We will then move to the equally stunning Old Faithful area. Here, we are greeted by the Fountain Paint Pots, Geysers Galore (Anemone, Castle, Riverside...), Emerald Pool, Morning Glory Pool, Fairy Falls, Black Sand Basin, and Grand Prismatic Springs. As you can see, it will be an extremely packed seven days - and that's not the end of it!

After completing those seven days of exploration, we will drive down through Grand Teton National Park to Jackson Hole, Wyoming, for a few days of gallery hopping, tourist shopping and the National Museum of Wildlife Art - an enormous castle of artworks.

Now that I've got you all excited, here's the scoop. The fee for the workshop will be $40 (L28 pounds sterling) for Artist and Fellow members of the IAAA, $45 (L28) for Associate members, and $55 (L33) for non-IAAA members (accommodations not included in workshop fee). Attendance will be limited and by advanced registration only, so register early and often!

Your space will be reserved upon receipt of the full workshop fee, with Artist and Fellow members getting preference. Associate members and non-members (spouses, partners - sorry, no children) will be put on the waiting list and if there are still openings, be confirmed July 1st. After July 1st, any open spaces will be first-come, first-served until full. Lodging includes a range of price and conveniences. With your reservation, please indicate what level you prefer: - least expensive (rooms have sink, restroom/showers down the hall or in another cabin) - better (cabin or lodge - private bath) - best (lodge only - private bath). Note! All levels are not available in all locations. Indicate if you want: - a 2 person room (one double bed) - willing to stay in a 4 person room (two double beds). A block of rooms has been reserved. Attendees will be placed according to their wishes, dependant upon availability, so Let Me Know!

Many camp sites will be closed by 1 Sep. Those open are first-come, first-served, cost about $15 a night, and may be a distance from the reserved cabins. If you will be camping instead of staying in the cabins, Let Me Know! Options for travel to/from Yellowstone (you reserve your own) are extensive and will be sent in a separate mailing with your workshop confirmation, along with suggestions of what to bring and other useful information.

Estimated costs include: air fare to either West Yellowstone or Jackson Hole, sharing rental cars, $20 per car entrance fee (lasts for the 7 days, and good for both parks), food (moderate in restaurants to inexpensive in cafes), the workshop lodging (6 nights, ranging $30/person/night to $65/person/night), and lodging before and after the 6 nights of the workshop. Interest in this workshop is high, and space is very limited. Again, space is not reserved until I receive your "PREFERENCES* and "CHECK" - if you sent your initial "yes, I'm interested" to the listserve, that does NOT mean you are registered!

Send your registration to Joy Day, PO Box 3939, Carmel, CA 93921, check made out to "IAAA" (yes, it's tax deductible!). Euros can send theirs to Dave Hardy at the address on the rear cover in STERLING only, any bank charges pre-paid. If you have any questions or want to let me know your preferences, call Joy at 831-622-9616 (noon-moon, PST), or email at YelloStoned@glassnebula.com. See you there!! Joy Day

Earth Crossing Asteroid
By Don Dixon
One of Don’s great images at his fantastic web library: www.cosmographica.com/gallery/portfolio/index.html

CHANGING of the GUARD

Into our 18th year of our association, the IAAA is about to enter its fifth term. The BOARD hereby invites our membership at large to submit nominations and/or your application to be our next President, whose term is to begin July 1st 2000 and last four years until June 30th 2004. The Office of the President is for our leader who is the official voice of our society of artists. The new President will automatically be a member of the new Board according to our by-laws.

The Office of President is certainly a very demanding and dedicated one. However, our President will not be the sole party responsible for planning, decision making and administration. The President shall have the counsel of the Board, which is the official decision making body of our organization. This Board is there to serve and help our President set policy, strategy, make difficult decisions, manage the financial state of the organization, and to advise the President on how best to continue the blossoming of our association as the leading artists of the astronomical art genre.

In addition, nominations and/or applications are also OPEN for ALL seats on the new Board, whose term runs two years, beginning July 1st 2000 until June 30th 2002. There are 7 to 9 seats on the Board.

The Offices of Vice-President, one for North America and another for Europe, also has a term of two years, running concurrent with the new Board. Both VPs will be members of the Board. Applicants willing to serve as Vice-President need only to apply for a seat on the Board, but state in their application that they are ready to serve as VP.

All applicants are asked to include a brief summary of any organizational experience(s), at whatever level, of business, education or organization, to assist the Board in their review of the applications for our next administration. The current Board of our President, David A. Hardy, is preparing a mandate for the new President and his/her new Board.

Elections are OPEN from March 21, 2000 to April 21, 2000. Please submit your application for these positions to the Chairman of the Board at iaaa-board@eGroups.com or to our President (e-mail on back cover). Or if you prefer snail mail, send your application to: Kara Szathmary, IAAA Chair, PO Box 203, Richford VT 05476 USA. Thanks -Kara Szathmary, The Chair
Profile: Kirk Kemmler

After retiring from the Air Force in 1991, I went to work for Computer Sciences Corp. in the Advanced Medium Range Air to Air Missile Program Office at Eglin AFB, Florida. I’ve been painting on and off for most of my life in oil and acrylic, and enjoy copying the impressionists. I have been following what the Hubble has been sending back for some time now, and love it. Having always been a fan of space art, I’m looking forward to my membership with the IAAA.

I grew up in South Florida with dreams of being a professional surfer/beach bum. I realized I had a little artistic talent when I was pushed by my 7th grade art teacher, Pat Leslie, to "open up and let it out". This started a life long interest in the visual arts. The little dream was interrupted by a hitch with the USMC and a trip to Nam, followed by a twenty year career with the USAF, all along the way painting and drawing whenever I had the chance.

Home for the last 14 years has been Ft. Walton Beach, FL where I live with my wife Debbie and 9 yr. old son A.J. Through the years I have painted many canvasses and several murals. When I am not working or painting, I can usually be found on my Ranger 33 sailboat. It is an old refurbished work in progress. This area of the Gulf of Mexico is perfect for sailing and we take advantage of it as often as possible.

I plan to turn my interest in art, specifically space art, into a business by reproducing Hubble images on canvas and marketing them over the internet. A website, http://hubblepaintings.com, will be up and running in the near future.

Profile: Chris Dawson

I have enjoyed Space and Astronomical art as well as Science Fiction and Fantasy illustration for most of my life. I am a professional camera operator for motion pictures and television, working almost exclusively with visual effects production. I graduated from the University of Southern California, School of Fine arts in 1987, where I earned a Bachelor of Fine Arts degree in Painting and Photography. I have worked in the motion picture industry since 1985, with a variety of visual effects related jobs. Born in Hollywood, California in 1965, but grew up in Northeast Texas and anyone from Texas will tell you that it is flat! But that flat, expansive horizon, the big skies, the clouds and thunderheads, the quality of light at sunset, the full moon on the horizon, all of these visual stimuli can really have a profound effect on an impressionable kid. Couple that inspiration with the artwork and illustrations in Dinosaur and Space books, the wonders at the planetarium and museums, and how could one not want to imagine what "things beyond" looked like? That's why I started doodling spacescapes and continue to do so today. I work with both traditional illustration media and digital media. I frequently take photographs of things of interest: landscapes, skies, cityscapes, textures and objects and have built up an extensive library of reference material, some of which are composited in my digital works. I am fortunate to have a career that demands creativity, but painting has always been the most rewarding, personally. I also work with traditional media such as acrylics, inks and pencils. I am an amateur stargazer and enjoy outings to local deserts, such as the Anza-Borrego Desert region south of Los Angeles. It's very good to be here and I look forward to participating in IAAA events.
Profile: Jeremy Vecoli

My interest in astronomical art began at age 5 or 6, when my brother gave me his Golden Book of Astronomy. I couldn’t fathom much of the text, but the illustrations by John Polgreen fascinated me. (I still have the book, rather tattered now!) My 1st grade class went on a field trip to the Minneapolis (MN) Planetarium—this was the first of my many visits over the years and I ended up getting married there—a civil ceremony & a private planetarium show for the guests.

Always a science-fiction fan, I often judged books by their covers and I loved the covers painted by Michael Whelen. I also have always been fascinated by the art of Syd Mead, Roger Dean, John Berkey and Robert McCall, to name a few.

When I was 25, I acquired an airbrush, just to fool around with, and within a year was airbrushing T-shirts full-time. I ended up painting shirts at Six Flags near Chicago. During the off seasons, I went through the Sign Painting program at St. Paul Technical College. After completing the program, I was invited by the school to develop & teach an airbrush class which I taught in the evening for three years in a row. I wrote a series of articles for Airbrush Magazine, and I currently work part-time as an airbrush instructor for Badger Air Brush, teaching weekend workshops, and I hold a full-time job as a sign painter & airbrush artist for a large inflatable promotional company.

I am now working on a space-art portfolio that leans more towards murals/displays instead of illustration, which I am not as familiar with.

I live in Minneapolis, MN with my wife Becky, two motorcycles and four pet Flying Squirrels that keep us up all night.

Profile: Lonny Schiff

Lonny Schiff is an award winning, nationally known artist who was born in Columbus, Ohio. She attended Ohio State University and graduated with Honors from the University of Illinois, studied printmaking and handmade papermaking afterwards. Her work is held in a number of museum collections including the Brooklyn Museum, the Fogg Museum at Harvard University, National Museum of American Art in Washington, DC, the Rose Art Museum at Brandeis University and the Space Art Museum at the Kennedy Space Centre, Cape Canaveral, Florida among others. She has made commissioned art for corporations such as IBM, American Express, the Bank of Boston, Fidelity Management, and USA Today.

She has had over 20 one-person shows and many group shows. Her work has traveled with the NASA art programs since 1992 in the United States and overseas. She was a NASA Space Art Team Member to document on site “STS 31”, the launch of the Hubble Space Telescope, in April, 1990. Additionally, she has some art traveling with the NASA show on the Artrain through-out the US until 2002. Several other IAAA members have work in this show too. It is primarily a chance for school kids to see original space art on a real train. Besides space art, she has made art for hotels, restaurants, and has done a number of book illustrations for Allyn & Bacon, Publishers.

Married to a physicist, Lonny also is a self-employed art conservator of works of art on paper and of oil paintings. People bring art that is damaged, or needs cleaning or repair to her studio to fix, or she goes to museums to work there. “Making my own art about space keeps me from being bored. I’d like to add that my art is different than most other space art which is realistic. I like to make handmade papers of various kinds, monoprint on it and use collage. I love everything to do with space so I use space themes. I’ve shown it quite a bit. I’d never heard of IAAA until recently and am very glad to have found some kindred souls.”

Profile: Chris Dawson

An energy-based life form floats through a ring of debris around a distant planet.

Asteroid Life  By Chris Dawson

More Kudos! The city of Liège in Belgium is being "covered" with 2 meter tall color posters advertising the Space World 2000 art show which several IAAA members are participating in.
More New “FELLOWS”

It is a great privilege to inform our general membership of the results of our recent ballot nominations for our distinguished Fellowship category - our model of the professionalism we as astronomical artists aspire towards.

Approximately 40% of our membership had participated in casting their ballots for their recommendation to this illustrious level of expertise, dedication and professionalism. The Board hereby adopts your TOP-TEN recommendations, as the will of the Committee of the Whole, to form our initial set of Fellows.

They are, in alphabetical order (not the rank of the number of votes received):

- Allen Bean
- Michael Carroll
- Don Davis
- Don Dixon
- Bob Eggleton
- David A. Hardy
- William K. Hartmann
- Ron Miller
- Robert T. McCall
- Kim Poor
- Pat Rawlings

This list contains eleven names as the tenth place was a tie.

This Special Committee of Fellows will receive their Articles of Responsibilities, hereby empowered by the Board, to review, to jury and to select other artists of merit for this Fellowship status. During the initial deliberations of our new committee agreed unanimously to accept the nine members who were ‘runners-up’ in the recent voting as Fellows. They are:

- Lynnette Cook
- Kelly Freas
- B.E. Johnson
- Pam Lee
- Jon Lomberg
- Rick Sternbach
- Kara Szathmary
- Joe Tucciarone
- Arthur Woods

All of these are recognized throughout the IAAA for their skills and high standard as space artists and/or their contributions to the IAAA, to our genre and to the public awareness of astronomical art, and well deserve this honor. It was felt to be both superfluous and unnecessary for them to have to submit their work in order to be accepted!

The Board wishes to thank our membership for your participation in exercising your responsibility in this historic vote. The IAAA is now transformed into an official three-tier membership structure.

Finally, to our Fellows, a hearty congratulations to you! You are and have been an inspiration to us all. And in that light, the IAAA would be honored in your use of the "FIAAA" initials after your name to identify you as our Fellow marquee artist. This is a privileged vestige we acknowledge for your use ONLY -- our Fellows of the IAAA.

Kara Szathmary
IAAA Chairman of the Board

More Fellow News

The Special Committee has completed its deliberations (for the moment) and can announce the following procedures for the future election of Fellows:

1. The jurying will take place in February of each year, so that we know that all nominees are paid-up Artist members.
2. A member of the current BOARD will collect and tabulate all the Fellows’ votes, to ensure impartiality.
3. The Rules for Fellowship are as already announced by e-mail and in PULSAR: Artists/illustrators, who will either have submitted their work to a jury, or have been recommended to this grade by at least two other "Fellow Members" because of their known contributions to our genre, and been approved by a Special Committee of Fellows. These members will be entitled to use the initials "FIAAA" after their name. Dues $50.

This means that normally it is up to our members (in advance of the jurying date) to recommend to the Special Committee (via myself, as Chair) other members whom they feel qualify for this honor. Nominations must supply written material for support as well as art work. A website will be accepted as part of submission for Fellowship, providing images are large enough for appraisal. (Note: This is not a *requirement*, simply a method of speeding up the selection process if available. Digital images or, if necessary, slides are other methods.)

New Fellows will be accepted on the basis of (a) quality of painting and artistic excellence, (b) scientific accuracy when producing space art (which does not of course rule out abstract, impressionistic, symbolic or other forms of art, providing it is astronomically-informed), (c) their contributions (written, organizational, etc.) to the IAAA and our genre. Or any combination of the above.

THE RUDAUX AWARD

The Board has agreed to create and present a special award, named the RUDAUX AWARD, to certain influential artists for their work in promoting Astronomical art. The criteria for the award is defined as: "The nominee has, during his lifetime, produced a body of work, usually artistic, but may be literary or other, which has materially and significantly advanced the public consciousness, perception and understanding of astronomical art, above and beyond the normal qualifications for Fellowship."

The first award will go to Lucien Rudaux himself. Other posthumous awards will be to Chesley Bonestell and Ludek Pesek. The Rudaux will also be awarded to the following living members: Robert McCall, Jack Coggins, and Frederick C. Durant III. Though Fred is not an artist, we all agree that his life-long service to space art deserves this award. Other recipients may be named at a future date.

A Certificate is currently being designed by Ron Miller, and will be available for viewing on the IAAA website in due course.

David A. Hardy, President