

Monthly Publication of the Indiana Astronomical Society

November, 2003
Volume 70, Issue 11
www.iasindy.org



The Bulletin

General Meeting Moves to Butler in November

Please do not forget that the November through May general meetings are held at Holcomb Observatory on the Butler Campus in order for us to have heat and be comfortable. If you show up at the Link you better have a scope as you will be by yourself.

The Pres

Steve Spicklemire speaks to IAS at November 8.

November Annual Meeting - November 8 7:00PM at the Holcomb Observatory

Steve Spicklemire speaks to IAS at November 8.

Steve will focus on his efforts to use interactive software and web based teaching strategies to provide an environment where the nature of scientific discovery and 'model building' can be experienced directly by students in the classroom.

Steve Spicklemire teaches physics and astronomy at the University of Indianapolis. His primary interests are teaching and software development. Since his research background is primarily in the areas of experimental nuclear and surface physics, his teaching goals have

The Bulletin The monthly publication of the Indiana Astronomical Society focused on developing ways to make the "physics" of planets, stars and galaxies more accessible to his students. Steve has also been involved in developing the software for the radio astronomy effort at U of I.

Election Night

According to the By-Laws of the IAS, the IAS elections will take place during the Annual Meeting to be held November 8, 2003 at the Holcomb Observatory on the Butler campus. The meeting begins at 7:00PM. All members in good standing and their spouses are eligible to vote. If you cannot attend, you may mail a signed absentee ballot to the Secretary. Absentee ballots must be received prior to the election. Additional nominations may be made from the floor by any member at the time of the election. All nominees must agree to serve prior to the election.

Offices shall be filled by election by majority vote of the membership at large at the annual meeting. Votes by absentee ballot shall be recognized provided the signed absentee ballot is received by the Secretary before or during the annual meeting. Votes by proxy will not be recognized.

The report of the Committee on Nominations

The following slate of candidates have been received and candidates have agreed to run..

President -

Jeff Patterson

Vice President and Program Chairman -

Brian Murphy

Treasurer:

Dave Timmerman

Secretary:

Larry Phillips

Board of Directors (Two to be elected)

Gary Schoppenhorst

Mike Kirsch

Gerald Venne

Report presented by Doug Brown
Nominating Committee

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Absentee Ballot

President: _____

Vice President: _____

Treasurer: _____

Secretary: _____

Board of Directors (vote for Two)

Signed: _____

Mail ballot to

Larry Phillips

9413 South PR Black Hawk Hills Dr.

Edinburgh, In 46124

Absentee ballots must be received prior to the election

New Members

The IAS would like to welcome the following new members:

Floyd Thurston Bloomington

Jaspm Bocking Indianapolis

Richard Waddington Indianapolis

Michael J. Rees Indianapolis

You old members seek out these guys and show them the ropes. Get them involved.

2004 Observer's Handbooks

We have ordered 25 Observer's handbooks for the Society. The cost will be \$17.00. See Dave Timmerman to get yours. These little books are chock full of useful information from moon phases to meteor showers.

Orchids and Onions

An orchid to Bill Conner for his efforts to getting the little dome up and functional. Bill has worked hard to get the wheels to work Thanks Bill.

A bucket of orchids to Randy DeFord, Engineering/Customer Services Manager, Mid-West Spring & Stamping of Mentone, IN. Mid-West Spring manufactured two springs for the big dome and donated them to the IAS. This will allow the big dome to function again.

Board Appoints Jeff Patterson as Editor of the Bulletin

The Board has appointed Jeff Patterson as editor of the Bulletin. I hope to fill John's shoes well. He left a major hole. I find it kind of fun to put it together however and am open to suggestions on how to improve it. If you have ideas or suggestions I am all ears.

Members have a good time at the Twin Lakes Star Party

Article submitted by John Molt.

Terry Steadham, Jon Williams, Mike Wolford, Larry Phillips, John Kramer & John Molt attended the recent Twin Lakes Star Party. John K. won the grand prize of a Hardin Optical dob scope (8"inch ?) and I won third grand prize of an 11 mm Nagler EP! The weather was great but transparency was marginal - too much moisture and some breezy conditions - only missed part of 1 evening with heavy clouds. Rain was forecast for Sat so everyone left. Terry drove us down in my jeep pulling the camper. Had less than 100 attendees but were some of the most friendly people ever - observing field is a part-time horse pasture - rough and unlevel - the man next to us from Mississippi fractured 2 bones in his foot while setting up his camper - usually it is pitch black there and no lights from adjacent buildings. A neighbor inadvertently had campfires but kept them small after conversation (hope they invited him). Toured a members' observatory - fantastic - John McGubbin ? (is on the WKAA site). Has lots of acres and 2 new buildings - 1 for electronics and 1 for the 7" AP / 105 Tak. The rolloff building is concrete floor, separate pier, steel structure, steel wall. The only thing he'd do different is steel trusses & steel roof. See Ya! JM

Hard Copy of the Bulletin - Do you really need yours?

The Board is looking at the overall expenses of the Society. As it turns out our major expense is printing Bulletins and mailing them each month. We have approximately 150 members and approximately 55 get their Bulletins in hard copy each month. It costs us approximately \$10.00 per person to print and send the Bulletins each month. We are exploring options of how to keep our incoming receipts close to our outgoing receipts. We are not interested yet in raising the dues. Some societies actually charge a fee to those who want a hard copy of the newsletter. I would like to urge each of you to reconsider the need

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to get the Bulletin in Hard copy. As I am the folder and mailer I even urge you more. Suggestions are most welcome.

More later.

The Pres

Notes from the Pres - Do You want to be President, Secretary, Board Member, etc?? **The IAS Needs You!! Elections are Coming November 8.**

Have you ever thought about the direction you would like to see us going in the Society? Do you not like what's going on? Do you want a change? Would you like to mould the Society? We really do need you to nominate a slate of people to be the leaders of the society next year. The Officers need to be elected every year and the board members serve 3 year terms. So there are two board positions to be filled. If you like to lead, be at the general meeting, get nominated and join in the election fun. The only criteria is that you be a member in good standing, been a member for at least a year, and are willing to attend the Board meetings. This is not a closed society and we would love for you to run.

Observer's Corner

Article by Jeff Patterson

We have three significant events this month. First there is a total Lunar eclipse for Eastern US on November 8 at 8:05 PM. That is the night of our meeting. Maybe we can take a break and take a peak. Secondly, on the 15th of November, Saturn will occult 8th Mag star at 12:20 AM EST. Look at November edition of Astronomy for details. Thirdly, the Leonids Meteor Shower peaks in the US on the evening of November 17. Best time to observe would be after midnight. Best observing is to be in Europe but one never knows. Don't waste the night. If there is enough interest we could open the Link Observatory. Probably one would be better at a darker site although the Moon will be a problem.

McCloud Nature Park - A Dark Site for Observing

Submitted by Mike Wolford

Hey, when was the last time that you actually saw the Mag 5 stars in the little dipper? Or noticed that one of the stars in Draco's tail is actually a group of four? Or actually even noticed that there **are** stars between the Big Dipper and Polaris? Well, come on out to McCloud Nature Park and see for yourself! McCloud Nature Park is located in Hendricks County and just recently opened. It is 230 acres of --- well --- Nature!!! Those of us who

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have been out there have been well received and the welcome mat is in place for us when we want to go back.

The interpretive naturalist has requested that we come out for new moon and show the sky to the public. A few of us have been out there for the last two new moons, and have had a few small but very inquisitive groups each time.

It's only 30 miles from the intersection of I-465 and I-74 Off of SR-75. Curious? Come and join us on New Moon Friday.

Call, or e-mail Mike Wolford for further information. 317 445-2173 e-mail: mwolford@crtc.com

Astro Ads

Are you changing or upgrading your equipment? Do you have or are you looking for astronomical materials and equipment? The Indiana Astronomical Society as a service to its members, will publish non-commercial ads at no charge. To place an ad contact

To place an ad contact
Managing Editor
Jeff Patterson
1780 S. Morgantown Rd.
Greenwood, IN 46143
317 882-8055
e-Mail: JMPSR@Iquest.net

WANTED: 6" f/5 Newtonian primary mirror, completely made. Will consider a 6" f/5 Newtonian OTA, but prefer mirror alone. Contact Mark Bradbury, e-mail only. NO PHONE CALLS. e-mail: sn1996bk@yahoo.com

For Sale: Celestron C-5 with tripod, astromaster(installed), power pack/inverter, cases, filter, eyepieces, and lots more. \$1500 Call: Paul at 317 888-1605

For Sale: Like new Orion Skyview Deluxe 6" EQ Newtonian with Polar alignment scope, Padded case, premium 25mm and 9mm Plossl eyepieces, and moon filter. Please call Tammy at (317) 8942437 or E-Mail jeffandtammy0506@sbcglobal.net

For Sale: Orion 120st refractor with mount and tripod, dual axis drive. Less than a year old. Contact: Jerry Vessels at jvessels@iquest.net

For Sale: Celestron 8" Dobsonian, metal tube \$400 Contact Jeff Patterson JMPSR@Iquest.net

For Sale: Celestron "Comet Catcher" OTA 5.5"F5 Orange Tube \$250, Contact Jeff Patterson JMPSR@Iquest.net

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>For Sale: 5" f5 refractor, Jaegers Objective. Orion Skyview Deluxe EQ with Accutrack SVD DC Motor Drive (New) 17mm and 12.5mm Plossl eyepieces plus Barlow 3X \$750.00 Jerry Barnett (317) 888-8945

For Sale: Kendrick Dew Heater Controller -- \$55 Kendrick 3" heater, fits 3.5" OD. to 5" OD. -- \$25 Jim Rinehart 317-881-3475 -- jrinehart@spitfire.net

Loaner Scope Program

Did you know you can borrow a scope from the Society and take it for a test drive? The Society has a program where members who are trying to determine what kind of scope to buy can borrow one of the Society's scopes for a month or two and see how they like it. John Molt is the chairman of the program but Brian Murphy can arrange for your pickup and training as John recovers from his injuries. This is a great way to see what you want to use. We have several scopes and at this time there is no demand. Contact Brian Murphy at bmurphy@monumentcompanies.com

List Server Now online

The list server is now on-line for use of Society business. It can only be used according to the rules as outlined previously. Members abusing the service will be eliminated from the service. In this time of transition with the Bulletin, this service will be our main communication tool. The list server is in the "Members Only" section of the site and is accessible only by IAS members.

The Pres

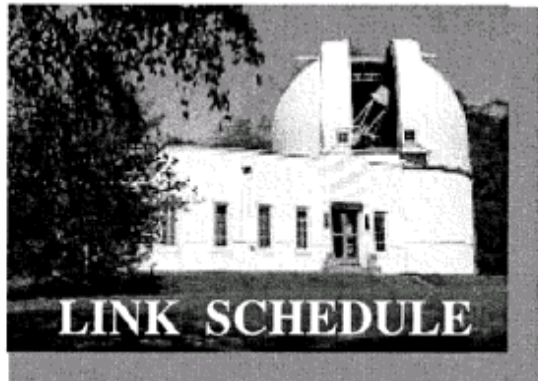
November Board Meeting – November 13 - 7:00 PM

The IAS Board Meeting is being held at 430 Massachusetts Avenue in downtown Indianapolis. The building is at the point of convergence of Mass. Ave., Vermont and Alabama Streets. There is a Starbucks located in the frontage of the building. The coffee shop stays open late into the evening. Try to park as close to Starbucks as possible, preferably in a metered space. On-street parking is free after 5pm. Handicapped parking is directly in front of Starbucks entrance. The main entrance to the building is to the right of Starbucks, but it will be locked. To get into the building, walk around the building to the left as you are facing Starbucks. You will cross Starbucks outdoor patio seating area and you will come to the double door entry into the building (this is the south building façade). These doors will be unlocked. Enter the lobby and ride the elevator (to your right) to the basement. Turn right as you exit the elevator and go through the first door on your right. This is the conference/meeting room. If you need further assistance, please contact Brian P. Murphy, IAS Vice-President on his cell phone 716-8124.

Map to the Board Meeting



Link Schedule



Observatory 's Phone:317-831-0668

This schedule is being published to assure proper access to the Link Observatory for programs that are designed as observational, general education, astronomy conferences or amateur research projects. Training programs are tentatively scheduled for Saturday evenings only. Although other requests can over-ride these sessions. It is the purpose of this listing to prevent activity conflicts.

If you need to acquire use of the 36-inch telescope :remember two important IAS guidelines:1)*There has to be two or more IAS members present.....*2)*contact the Observatory Manager: J. Philip May (317)831-8387. DON 'T WAIT UNTIL THE LAST MINUTE TO MAKE YOUR REQUEST OR YOU MAY NOT GET ACCESS.*

Designated Link Observatory Key
Holders

Jeff Patterson: 882-8055

J. Philip May: 831-8387

Tom Borlik: 849-4113

Gary Schoppenhorst: 297-1405

Brian Murphy: 841-8511

Dave Williams: 769-7430

Link Activities for November:

IU Department Picnic November 1

New Moon Group Meeting November 22

Observer's Meeting November 22

New Astronomers November 22

Link Training November 22

Bulletin Stats

Bulletin - Bulletin deadline on the 20th of every month

The monthly newsletter welcomes articles of local astronomical interest information and want ads:

Please submit to

The Indiana Astronomical Society, Inc

Jeff Patterson, editor

1780 S. Morgantown Rd

Greenwood, IN 46143

Phone: 317-882-8055

JMPSR@Iquest.net

Membership information

Contact any IAS officer or the membership chairman

Larry Phillips

9413 South PR Black Hawk Hills Dr.

Edinburgh, In 46124

llpastro@lightbound.com

Link Observatory

Latitude: 39 degrees, 33 minutes North

Longitude: 86 degrees, 24 minutes west

Phone: 317 831-0668

IAS Internet address

<http://www.iasindy.org>

Executive Officers

President: Jeff Patterson 317 882-8055

Vice-President and program director Brian Murphy 317 841-8511

Secretary: Larry Phillips 317 729-2447

Treasurer: Dave Timmerman 317844-9431

Board of Directors

Gary Schoppenhorst (2003)

Mike Kirsch (2003)

Thad Hatchett (2004)

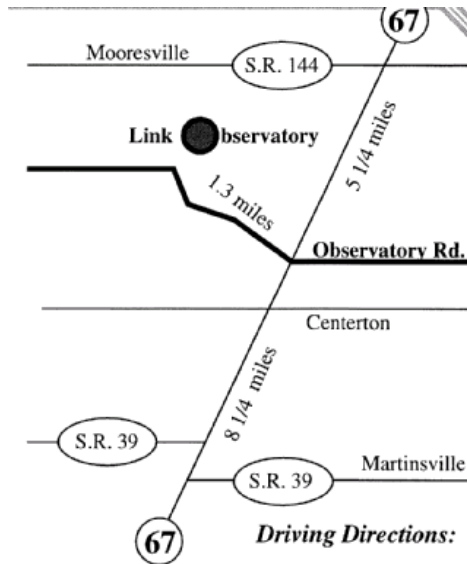
Doug Brown (2004)

Bill Conner (2004)

Marion Hakes (2005)

John Molt (2005)

Map to the Goethe Link Observatory



Driving Directions:

The Link Observatory is located 5 1/4 miles south of the S.R. 67 & S.R. 144 interchange in Mooresville. A diamond shape hi-way transportation sign will warn you of the approaching Observatory Road intersection. Turn right (west) up the steep hill and continue 1.3 miles to the observatory, where there is a one-lane drive on your right named: Observatory Lane. The driveway to the observatory is immediately to your right when you make your turn onto the lane. It's easy to miss; watch your odometer.

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November Calendar, 2003

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1 IU Picnic at Link
2	3	4	5	6	7 Full Moon	8 Gen. Mtg 7:00PM Elections Full Moon
9	10	11	12	13 Board Meeting 7:00	14	15
16 Last Qtr Moon	17 Leonids Meteor Shower Peaks	18	19	20	21	22 New Moon GP Observer's Mtg Link Training
23 New Moon	24	25	26	27	28	29
30 First Qtr. Moon						

Membership Application

- BENEFITS**
- * Use of the Goethe Link Observatory
 - * Formal Monthly Programs with Guest Speakers
 - * Local and Regional Astronomical Functions
 - * Telescope Making Classes
 - * Discounted Astronomy Publications
 - * New Moon Group Meetings at various dark sky locations
 - * Access to IAS member expertise and problem solving
 - * The *WZZZZZ*: Monthly newsletter with Astro-Classifieds
 - * Informal Astronomy and Astrophotography Seminars
 - * Access to the "Members Only" section of the IAS website
 - * Free Admission to the Holcomb Planetarium
 - * Star Party Events and Annual Messier Marathons



Please indicate by checking new or renewal membership NEW RENEWAL
 notices and payment must be submitted to the IAS Treasurer in order to maintain the publishers' discount rate.

Name: _____
 Address: _____
 City: _____ St _____ Zip _____
 Phone: (____) _____
 E-Mail Address: _____
 How do you want to receive the IAS monthly newsletter:
 U.S. MAIL Download from the Website

Annual Regular Membership Fee:	\$20
Annual Student Membership Fee:	\$10
Astronomy Magazine:	\$29/yr
Sky & Telescope Magazine:	\$30/yr
Observers' Handbook: (when available)	
	TOTAL

Make Checks Payable to:
THE INDIANA ASTRONOMICAL SOCIETY, INC.
 Mail this Order Form to:
Dave Timmerman, Treasurer
 786 Woodview North Drive
 Carmel, IN 46032

Member Profile

Spouse's Name: _____
 Children's Names & Ages: _____
 Education: _____
 Occupation: _____
 How Many Years Involved With Astronomy: _____
 Special Astronomical Interests or Projects: _____
 Equipment/Computers/Telescopes: _____
 What Can The Society Do For You: _____
 What Can You Do For The Society: _____

Profile information is not a requirement for membership in the Indiana Astronomical Society. This survey is entered into the IAS data base and it is not given or sold for solicitation purposes. It does provide for a brief/welcoming article about a new member that may be published in the BULLETIN.