

# IPS DIRECTORY OF THE WORLD'S PLANETARIUMS

2013-2014 edition

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Welcome to the 2013-2014 edition of the *IPS Directory of the World's Planetariums*. This directory provides an extensive list of planetariums from around the world and includes all planetarium facilities known to IPS. The Directory has been extensively revised and updated since the previous edition was published in 2011.

Update forms were mailed to all planetariums in the world. The Editor wishes to thank the many hundreds of planetarians who returned these update forms or responded using the on-line form.

The Editor wishes to thank the following individuals who provided or solicited updates for planetariums in their regional affiliate or geographic area, either directly to the Editor or by means of affiliate publications or web sites:

Daniel Audeon (France)  
Vadim Belov (Russia)  
Andrew Buckingham (New Zealand)  
Ignacio Castro Pinal (Mexico)  
Alexandre Cherman (Brazil)  
Antoun Daou (Saudi Arabia)  
Theo Ferreira (South Africa)  
Omar Fikry (Egypt)  
Ersin Gogus (Turkey)  
Thomas Hamilton (New York City)  
Aase Roland Jacobsen (Nordic countries)  
Keith Johnson (MAPS)  
Kaoru Kimora (Japan)  
Manos Kitsonas (Greece)  
Valentina Lefebvre (South America)  
Anne-Lize Kochuyt (Netherlands & Belgium)  
Lidia Kosiorek (Poland)  
Warik Lawrance (Australia)  
Chilong Lin (Taiwan)  
Kira Makogon & Serge Andreevskii (Ukraine)  
Ian McLennan (Canada)  
Rathnasree Nandivada (India)  
Antonio Pedrosa (Portugal)  
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Andreas Scholl (German-speaking countries)  
Jenny Shipway (UK)  
Jan Sifner (Czech Republic)  
Parin Tanawong (Thailand)  
Christian Theis (Germany)  
Marian Vidovenec (Slovak Republic)  
Jin Zhu & Xia Guo (China)

Thanks to Shawn Laatsch for providing IPS membership information and to many other individuals for responding to specific inquiries from the Editor. The expected update list from the Spanish affiliate did not arrive by press time.

The Editor also wishes to thank the following individuals who contributed complete lists of their company's recent installations in response to requests sent to vendors of optical star projectors and full-dome systems:

Vicki Amorosi (Konica-Minolta)  
Christophe Bertier (RSA Cosmos)  
Nick Dodds (Electrosonic)  
John Hare (Ash Enterprises)  
Staffan Klashed (SCISS)  
Barbara McBride (Evans & Sutherland)  
Ken Miller (Goto)  
Patricia Reiff (Discovery Dome)  
Volkmar Schorcht (Zeiss)  
Paul Tetu (Sky-Skan)  
Joyce Towne (Spitz)  
Ken Yager (Elumenati)  
Joanne Young (AudioVisual Imagineering)

Installation lists for Cosmodome and Megastar were obtained by examining the comprehensive lists on their respective web sites. The expected installation list from Science First did not arrive by press time. As with past editions, Digitalis declined the Editor's request to provide an installation list; hence the majority of their installations may be missing from the Directory and we could not verify the accuracy of information that is listed.

We have examined vendor and other web sites, IPS and affiliate conference delegate rosters, and miscellaneous sources for non-responding planetariums and for planetariums outside of regional affiliates or otherwise not part of IPS to ensure their information is as accurate as possible.

The general organization and layout of the previous edition have been retained.

We have released all files in PDF format for their universal access, their ease of reading and searching, and ease of printing to a paper copy if desired. For further ease of use, we have created separate files for the header material, the Directory itself, and for each index.

We have attempted to make this Directory as complete, up-to-date, and accurate as possible. It is inevitable however that the Directory will contain errors and omissions, and the information is always in a state of flux as new planetariums are being built, staff members flow from facility to facility, and postal, email, and web addresses and phone numbers change. IPS is not responsible for information that has changed since we have received updates, nor for the accuracy of records for planetariums or vendors that did not respond to requests for updates, nor for consequences of typographical errors or omissions, nor can we be held liable for damages arising from the use of information or descriptions contained in this Directory.

An update form is included in the Directory. If you spot errors or know of information that has changed or needs to be added, please contact the Editor by email <[dsmith@newton.bgsu.edu](mailto:dsmith@newton.bgsu.edu)>, fax (1-419-372-9938), or postal mail (Dept. of Physics & Astronomy, Bowling Green State University, Bowling Green, Ohio 43403, USA). An on-line update form is available on the IPS web site <[www.ips-planetarium.org](http://www.ips-planetarium.org)>.

This Directory is provided to all on the IPS web site and is sent to IPS members on a CD.

*Dale W. Smith*, Editor  
30 November 2013

# Sections of the Directory

This Directory contains eight sections. Each section is contained in a separate file.

## **(1) Header pages**

Editor's notes, explanatory material, and an update form.

## **(2) Country Index**

A "table of contents" alphabetical list of all countries appearing in the Directory and the page on which each country's entries begin.

## **(3) IPS Directory of the World's Planetariums**

Records of all planetariums known to IPS. Each record contains available contact, technical, and staff information, as detailed on the "Explanation of Planetarium Entries" page below.

## **(4) Planetarian Index**

An alphabetical index of all planetarium staff listed in the Directory. Each line includes the page the person is listed on, the city and country of his or her planetarium, and an email link if available.

## **(5) Star Projector Index**

An alphabetical index (by manufacturer and model name) of all star projectors listed in the Directory. Each line includes the page the projector is listed on and the city and country of its planetarium.

## **(6) Full-dome System Index**

An alphabetical index (by manufacturer and system name) of all full-dome video and full-dome, full-color laser systems listed in the Directory. Each line includes the page the system is listed on and the city and country of its planetarium.

## **(7) City Index**

An alphabetical index of all U.S., Japanese, and Chinese cities appearing in the Directory. Each line includes the page the city appears on and the name of the U.S. state, Japanese prefecture, or Chinese province it is located in.

## **(8) Web Site Index**

An index with links to planetariums' web sites and email addresses. Sorted by country and city.

## Explanation of Planetarium Entries

Here is a typical entry from the Directory with an explanation of what is on each line. Address and phone formats vary from country to country, so some entries will look slightly different.

### **Clear Skies Planetarium**

University of Earth  
1234 Terrestrial Road  
**Anywhere**, UT 55512  
USA

+1 (123) 456-7890  
+1 (123) 456-0987 fax

*www.earthu.edu/planetarium*  
planetarium@earthu.edu

Orion M-42 installed 1781  
Heavenly Fire installed 1543  
11.1m 10° 101 unidirectional seats opened 1682  
Univ/College Public & School shows  
tel/obs giftshop

*We serve the whole world with innovative planetarium programs 24 hours a day, 366 sidereal days a year. Our observatory is open to the public every clear night except on the day of perihelion passage.*

Claire Skye Stargazer  
*Director*  
+1 (277) 843-2677  
cstargazer@earthu.edu

William H. Messier  
*Observatory Supervisor*  
+1 (110) 637-7437

Earl U. Vorrery  
*Technician & Programmer*  
euv@earthu.edu

Planetarium  
Institution  
Street Address  
City, State, Postal Code  
Country

Phone  
Fax

Internet web site  
planetarium's email

Star Projector, year installed  
Full-dome system(s), year installed  
Dome size, tilt, seating, year opened  
Institution type, show type  
Auxiliary facilities

Text

Staff 1  
job title  
phone  
email

Staff 2  
job title  
phone

Staff 3  
job title  
email

### Notes:

*Planetarium and city names are in bold type to highlight each entry. Abbreviations of US states and Canadian provinces are given on a separate page.*

*Phone numbers are given in international format including the country code, area or city code, and number.*

*All web addresses are to be preceded by http:// except as noted.*

*Vendor abbreviations: AVI=Audiovisual Imagineering, E&S=Evans and Sutherland, Kon-Min=Konica-Minolta, LSS=Lhommeau Sky System, LT=Learning Technologies, SF=Science First*

*Facilities codes: tel/obs=telescope(s)/observatory, giftshop*

## Telephone number information

### International calling

To make an international call, you must first dial your country's international access code, represented in the directory listings by the + sign, followed by the number that is listed in the directory. In the United States the country code is 1 and the international access code is "011". Calls within and between the USA and Canada normally need dial only the number that is listed, including the country code 1, except for local calls. Domestic calls within other countries omit the country code, but commonly precede the remaining digits with a "0".

### Toll-free calling

Numbers in the United States with area code 800, 888, 877, 866, 855, and 844 are toll-free for many callers. The toll-free range usually includes all of the United States and sometimes includes Canada. If you call from outside the toll-free range, the call will be billed as a normal toll call.

### US/Canadian area codes

Many area codes in the United States have been changed in the last several years. To our knowledge, we have printed the area code in effect at press time. Information on recent and pending changes may be found on the web at [http:// www.LincMad.com/index.html](http://www.LincMad.com/index.html).

## US state & region/Canadian province & territory abbreviations

<b>United States</b>	MD	Maryland	UT	Utah	
AL	Alabama	MI	Michigan	VA	Virginia
AK	Alaska	MN	Minnesota	VT	Vermont
AS	American Samoa	MO	Missouri	WA	Washington
AR	Arkansas	MS	Mississippi	WV	West Virginia
AZ	Arizona	MT	Montana	WI	Wisconsin
CA	California	NC	North Carolina	WY	Wyoming
CO	Colorado	ND	North Dakota		
CT	Connecticut	NE	Nebraska	<b>Canada</b>	
DE	Delaware	NH	New Hampshire	AB	Alberta
DC	Dist. of Columbia	NJ	New Jersey	BC	British Columbia
FL	Florida	NM	New Mexico	MB	Manitoba
GA	Georgia	NV	Nevada	NB	New Brunswick
GU	Guam	NY	New York	NL	Newfoundland
HI	Hawaii	OH	Ohio	NS	Nova Scotia
IA	Iowa	OK	Oklahoma	NT	Northwest Terr.
ID	Idaho	OR	Oregon	NU	Nunavut
IL	Illinois	PA	Pennsylvania	ON	Ontario
IN	Indiana	PR	Puerto Rico	PE	Prince Edward Is.
KS	Kansas	RI	Rhode Island	QC	Quebec
KY	Kentucky	SC	South Carolina	SK	Saskatchewan
LA	Louisiana	SD	South Dakota	YT	Yukon Territory
MA	Massachusetts	TN	Tennessee		
ME	Maine	TX	Texas		

## IPS DIRECTORY UPDATE FORM

Planetarium \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_

Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Phone 1 \_\_\_\_\_ notes \_\_\_\_\_

Phone 2 \_\_\_\_\_ notes \_\_\_\_\_

Phone 3 \_\_\_\_\_ notes \_\_\_\_\_

Fax \_\_\_\_\_ notes \_\_\_\_\_

Web site \_\_\_\_\_

Planetarium's email: \_\_\_\_\_

Star Projector \_\_\_\_\_ Year Installed \_\_\_\_\_

Full-dome video \_\_\_\_\_ Year Installed \_\_\_\_\_

Dome Diameter (m) \_\_\_\_\_ Tilt \_\_\_\_\_ Seat Arrangement \_\_\_\_\_ Year Opened \_\_\_\_\_

*Staff1* \_\_\_\_\_ *Title* \_\_\_\_\_ *email/phone* \_\_\_\_\_

*Staff2* \_\_\_\_\_ *Title* \_\_\_\_\_ *email/phone* \_\_\_\_\_

*Staff3* \_\_\_\_\_ *Title* \_\_\_\_\_ *email/phone* \_\_\_\_\_

*Staff4* \_\_\_\_\_ *Title* \_\_\_\_\_ *email/phone* \_\_\_\_\_

*Staff5* \_\_\_\_\_ *Title* \_\_\_\_\_ *email/phone* \_\_\_\_\_

*Text Information* \_\_\_\_\_

\_\_\_\_\_

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Dept. of Physics & Astronomy  
Bowling Green State University  
Bowling Green, OH 43403  
USA