

**On the cover:** This month, fortuitous orbital geometry delivers a stunning total solar eclipse on August 1st and a nearly total lunar eclipse two weeks later on August 16th. The Eastern Hemisphere is favored for both events; see pages 66–67 for details.

SOLAR ECLIPSE: MILOSLAV DRUCKMÜLLER  
LUNAR ECLIPSE: DENNIS DI CICCIO

### FEATURES

#### 18 Caesar's Invasion of Britain

A team of astro-sleuths discovers that most historians have misdated this historic Roman amphibious landing.  
*By Donald W. Olson, Russell L. Doescher, and the Texas State Honors Students*



DONALD W. OLSON

#### 24 Clear(er) Skies Ahead

New websites take the mystery out of planning your deep-sky observing sessions.  
*By Phillip J. Creed*



BRAD YEO

#### 30 The Quest for Dark Matter

Astrophysicists know *where* it is, but not *what* it is. To find out, they're trying to catch the elusive stuff in the laboratory.  
*By Richard Panek*

#### 36 Gearheads in Paradise

The Northeast Astronomy Forum brings people and products together like no other place on Earth.  
*By Dennis di Cicco and Sean Walker*

#### 66 Solar Eclipse over Eurasia **COVER STORY**

*By Alan MacRobert*

#### 67 August's Partial Lunar Eclipse **COVER STORY**

*By Alan MacRobert*



### THIS MONTH'S SKY

#### 47 August 2008 Sky at a Glance

#### 48 Northern Hemisphere's Sky

Judge Your Sky with Draco  
*By Fred Schaaf*

#### 50 Binocular Highlight

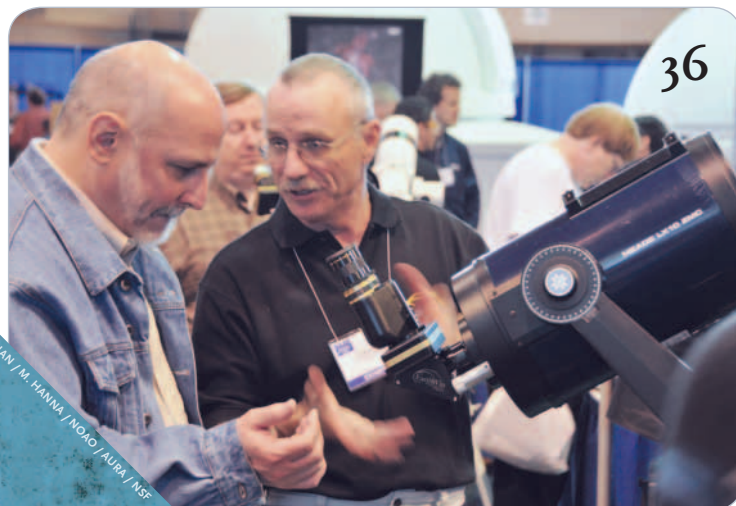
Ophiuchus Globulars  
*By Gary Seronik*

#### 51 Suburban Star-Hop

The Celestial Swan  
*By Ken Hewitt-White*

#### 53 Southern Hemisphere's Sky

*By Greg Bryant*



36

SKY: DENNIS DI CICCIO

30

24

# SKY & TELESCOPE

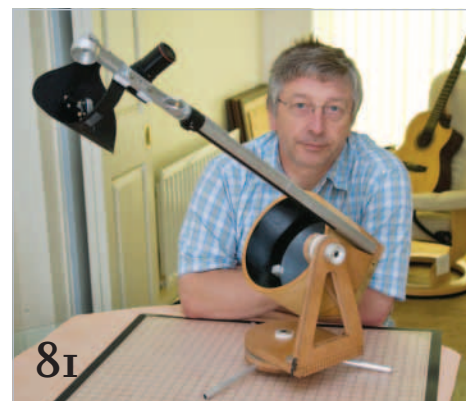
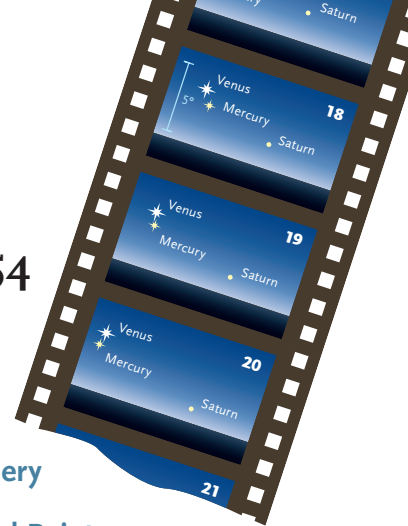
CONTENTS, CONTINUED

## ALSO IN THIS ISSUE

- 10 **Spectrum**  
Vital Signs  
*By Richard Tresch Fienberg*
- 12 **Letters**
- 14 **News Notes**
- 15 **Mission Update**  
*By Jonathan McDowell*
- 16 **50 & 25 Years Ago**  
*By Leif J. Robinson*
- 40 **Books & Beyond**
- 43 **Rambling Through the Skies**  
Dinner Date  
*By E. C. Krupp*
- 77 **Star Trails**  
European AstroFest 2008  
*By David H. Levy*
- 81 **Telescope Workshop**  
Milsom's Terrific Travelscope  
*By Gary Seronik*

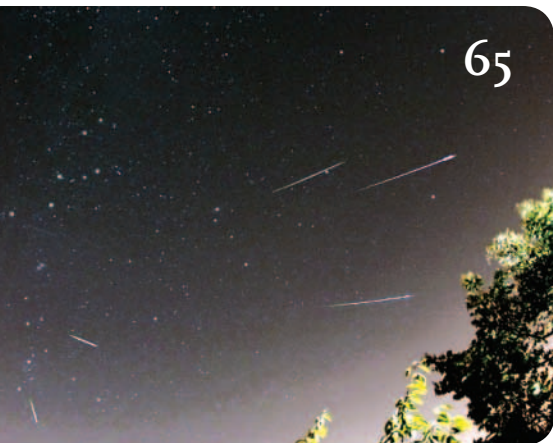
54

- 84 **Gallery**
- 96 **Focal Point**  
Street-level Stargazing  
*By Duane Frybarger*



FRANCIS MILSOM

SKY & TELESCOPE (ISSN 0037-6604) is published monthly by New Track Media LLC, 90 Sherman St., Cambridge, MA 02140-3264, USA. Phone: 800-253-0245 (customer service), 617-864-7360 (all other calls). Fax: 617-864-6117. Our website: SkyandTelescope.com. © 2008 New Track Media LLC. All rights reserved. Periodicals postage paid at Boston, Massachusetts, and at additional mailing offices. Canada Post Publications Mail sales agreement #40029823. Canadian return address: 2744 Edna St., Windsor, ON, Canada N8Y 1V2. Canadian GST Reg. #R128921855. POSTMASTER: Send address changes to Sky & Telescope, PO Box 420235, Palm Coast, FL 32142. Printed in the USA.



GAVIN LEE

## THIS MONTH'S SKY

- 54 **Sun, Moon, and Planets**  
Planets Dance Low in Twilight  
*By Fred Schaaf*
- 61 **Exploring the Moon**  
Unseen Seas  
*By Charles A. Wood*
- 65 **Celestial Calendar**  
Dodge the Moon for the Perseids  
*By Alan MacRobert*
- 73 **Deep-Sky Wonders**  
Stars Unnumbered  
*By Sue French*

## ON THE WEB

### ASTRONOMY TERMS

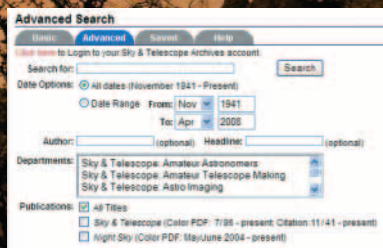
[SkyandTelescope.com/glossary](http://SkyandTelescope.com/glossary)

### THIS WEEK'S SKY AT A GLANCE

[SkyandTelescope.com/skyataglance](http://SkyandTelescope.com/skyataglance)

### SAVING DARK SKIES

[SkyandTelescope.com/darksky](http://SkyandTelescope.com/darksky)



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RICK SCOTT & JOE ORMAN