

© ISTOCKPHOTO.COM/NIKADA

On the cover:
Light pollution is a serious impediment for deep-sky observers in Hong Kong and other major cities.

THIS MONTH'S SKY

- 40 **Northern Hemisphere's Sky**
By Fred Schaaf
- 43 **May's Sky at a Glance**
- 45 **Binocular Highlight**
By Gary Seronik
- 46 **Planetary Almanac**
- 48 **Sun, Moon, and Planets**
By Fred Schaaf
- 51 **Exploring the Moon**
By Charles A. Wood
- 61 **Celestial Calendar**
By Alan MacRobert
- 65 **Deep-Sky Wonders**
By Sue French
- 68 **Going Deep**
By Ken Hewitt-White

S&T TEST REPORT

- 55 **Lunar Discoverer**
Mac and PC users alike can use this program to aid their telescopic explorations of the Moon.

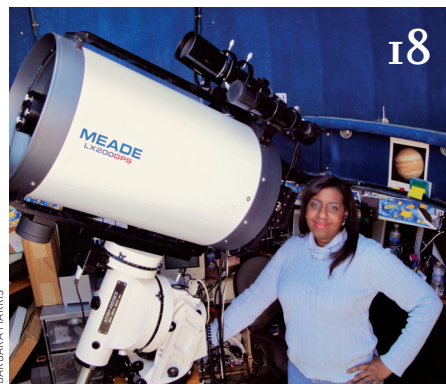
ALSO IN THIS ISSUE

- 6 **Spectrum**
By Robert Naeye
- 8 **Letters**
- 10 **50 & 25 Years Ago**
By Leif J. Robinson
- 12 **News Notes**
- 58 **New Product Showcase**
- 70 **Telescope Workshop**
By Gary Seronik
- 76 **Gallery**
- 86 **Focal Point**
By Constance E. Walker

FEATURES

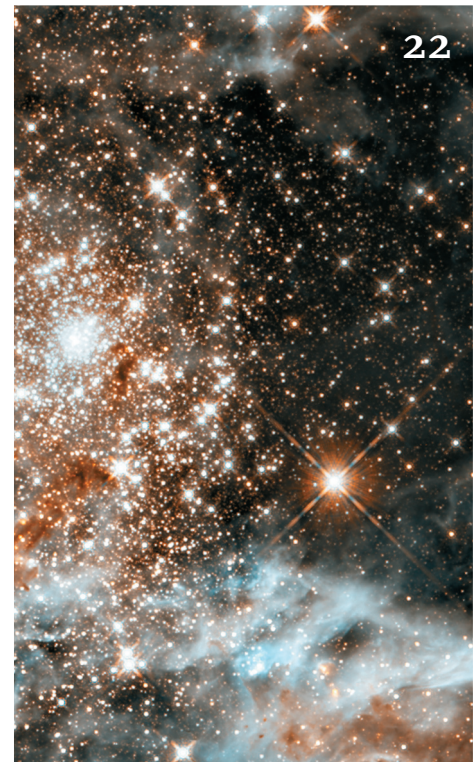
- 18 **Amateurs Catch a Crucial Nova**
Two dedicated backyard astronomers alerted professional telescopes worldwide and in space to U Scorpii's eruption.
By Mike Simonsen & Alan MacRobert
- 22 **The Quest for the Most Massive Star**
Astronomers are conducting a frenetic search for our galaxy's most massive star.
By Yaël Nazé
- 28 **Saving the Night Sky**
Light pollution is worse than ever, but a new mindset and new technology are poised to slow — and perhaps reverse — this bane of astronomy.
By J. Kelly Beatty
- 34 **Big Binos Versus Small Scopes**
These instruments have different but overlapping capabilities.
By Tony Flanders
- 72 **Digging Out the Details**
Layered deconvolution adds depth to your astro-images.
By Ken Crawford

COVER STORY



BARBARA HARRIS

18



22

NASA / ESA / F. PARESC (INAF-IASF) / R. O'CONNELL (UNIV. OF VIRGINIA) / WFC3 SCIENCE OVERSIGHT COMMITTEE

SKY & TELESCOPE (ISSN 0037-6604) is published monthly by Sky & Telescope Media, LLC, 90 Sherman St., Cambridge, MA 02140-3264, USA. Phone: 800-253-0245 (customer service/subscriptions), 888-253-0230 (product orders), 617-864-7360 (all other calls). Fax: 617-864-6117. Website: SkyandTelescope.com. © 2010 Sky & Telescope 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 171, Winterset, IA 50273. Printed in the USA.