**THURSDAY**

RTMC opens Noon Thursday to those who want to setup early or get some extended camping and observing.

**FRIDAY**

Sunrise VENDOR SALES BEGIN // Some may still be setting up.

**11:30 to 2:00 LUNCH / 4:30 to 6:00 DINNER** // Selection available at the outside Cantina at the back of the Main Hall. Cash only, about $4-$10.

1 to 4 ★ REGISTRATIONS // Telescope Merit Awards // Astro Images Awards
   At the Info Booth and the Image Booth, respectively—both in front of the Main Hall // Registration resumes Saturday, 9:30–10:00 for scopes & until 10 for images.

4:00 AN ATM 36° FOLDED REFLECTOR // Tom Taylor & Mike Spouencer // Main Hall

7:00★ EVENING PROGRAM // Starts in the Main Hall with a presentation by Tim Hunter on My Life and Hard Times in Amateur Astronomy followed by your Show & Tell of image(s), especially if they relate to the 2017 Eclipse, at about 5 minutes of PowerPoint—5 minute limit. See sidebar at right.

**SATURDAY**

Dawn* ★ SWAP MEET // to 1:00 // Outside in front of Main Hall

**7:30 BREAKFAST** // Selection available until 9:30 at the outside Cantina—back of the Main Hall. Cash only, $2-$6.

8:30* ★ REGISTRATIONS // Telescope Merit Awards (to Noon) // Astro Images Awards (to 10) // Selection available at the Image Booth (ten), respectively—both in front of the Main Hall

9:00 OPENING REMARKS / ANNOUNCEMENTS // Main Hall

9:00 to 10:30 BEGINNERS TALK: TELESCOPES: REFRACTORS, REFLECTORS & CATADIOPTRICS // Bill Patton // Bose Lodge

10:00 EDWARD EMERSON BARNARD: THE WORLD’S GREATEST OBSERVER OF HIS TIME, 19TH CENTURY ASTRONOMER & ASTROPHOTOGRAPHY PIONEER // Matthew Ota // Main Hall

10:00★ ★ ★ ASTRO IMAGE VOTING ★ VOTE until 3PM // Please stop in and vote! // Image Booth (tent) in front of the Main Hall // Awards Saturday Night

10:30 to Noon BEGINNERS TALK: EYEPIECES EXPLAINED // Joe Jakoby // Bose Lodge

11:00 A UNIVERSE OF STARS // Tim Thompson // Main Hall

11:00 TMRO PODCAST // Jared Head // Annex

**11:30 to 2:00 LUNCH** // Selection available at the outside Cantina—back of the Main Hall. Cash only, about $4–$7.

1:00 UPDATE ON THE MARS ROVERS // Dr. Tim Parker // Main Hall

1:30 to 2:30 BEGINNERS TALK: EXPLORING THE UNIVERSE WITH BINOCULARS // Matt Weidel // Bose Lodge

1:15 CHILDREN’S WALK THE SOLAR SYSTEM // Ken Graun // Meet in front of Bose Lodge

2:00 THE BARNARD OBJECTS—IN COLOR // Tim Hunter // Main Hall

2:00 PRODUCT DEMONSTRATION // David Ho // Annex

2:30 to 3:30 BEGINNERS TALK: SELECTION AND USE OF FILTERS FOR BEGINNERS // Paul Livio // Bose Lodge

3:00 A DIFFERENT APPROACH TO BUILDING ASTRONOMICAL BINOCULARS // Peter Wright // Main Hall

4:00 THE ASSOCIATION OF LUNAR AND PLANETARY OBSERVERS—PAST, PRESENT AND FUTURE // Tim Robertson // Main Hall

3:30 to 4:30 BEGINNERS TALK: MAKING A REFLECTOR TELESCOPE // Ken Graun // Bose Lodge

3:30 to 6:00 DINNER // Selection available at the outside Cantina—back of the Main Hall. Cash only, about $6–$10.

6:00★ EVENING PROGRAM // Starts at Main Hall — See sidebar at right.

**SUNDAY**

Dawn* ★ SWAP MEET // to 1:00 // Outside in front of Main Hall

**7:30 BREAKFAST** // Selection available until 9:30 at the outside Cantina—back of the Main Hall. Cash only, $2-$6.

8:30 to 9:45 WAA BOARD MEETING // Bose Lodge

9:00 ★ CHURCH SERVICES ★ (Nondenomination) // Outdoor Chapel north of Bose Lodge // In case of inclement weather, go to the Annex room inside the Main Hall building.

10:00 THE RTMC: A 50 YEAR MEETING AND STAR PARTY // Robert Stephens // Main Hall

10:15 to 11:30 BEGINNERS TALK: CHARLES MESSIER AND HIS OBJECTS // Ken Graun // Bose Lodge

11:00 THE DISCOVERY OF A COMET FROM RTMC // Don MacInnes // Main Hall

11:30 GALILEO: THE LITTLE PLANETARY OBSERVATION SPACECRAFT THAT COULD // Michael Fene // Main Hall

**11:30 to 2:00 LUNCH** // Selection available at the outside Cantina—back of the Main Hall. Cash only, about $4–$7.

1:00 RTMC AND COMETS: LOOKING BACK, LOOKING AHEAD // Alan Hale // Main Hall

1:00 to 2:30 BEGINNERS TALK: TELESCOPES: EYEPIECES OVERVIEW // Joe Jakoby // Bose Lodge

1:15 CHILDREN’S WALK THE SOLAR SYSTEM // Ken Graun // Meet in front of Bose Lodge

2:00 BUILDING OF THE PALOMAR OBSERVATORY // Dorothy Wood // Main Hall

2:30 to 3:00 BEGINNERS TALK: HISTORY AND DEVELOPMENT OF THE REFLECTOR TELESCOPE // Martin Carey // Bose Lodge

3:00 CHILDREN’S FUN: Immediately follows the 2:30 talk by Martin Carey above. Starts with KIDS MAKING A REFRACTOR TELESCOPE and ends with DESERTS & DOOR PRIZES OF THE UNIVERSE // Bose Lodge

3:00 HOW TO STUNNING LANDSCAPE ASTROPHOTOS // Wally Pacholka // Main Hall

4:00 ASTRO-IMAGING WITH A MODIFIED CANON 6D FULL FRAME DSLR—RESULT IN 3 MINUTES OR LESS // Alan B. Goreski // Main Hall

**4:30 to 6:00 DINNER** // Selection available at the outside Cantina—back of the Main Hall. Cash only, about $6–$10.

6:00★ EVENING PROGRAM // Starts at Main Hall — See sidebar at right.

**MONDAY MORNING**

+ TEAR DOWN AND CLEAN UP. Please police your own area. Have a safe trip home. // Coffee available at the Main Hall. // Thanks and see you next year!