2009

Instituto Nacional de Astrofísica, Óptica y Electrónica
Instituto de Astronomía, UNAM
American Astronomical Society

November 5th and 6th, 2009, INAOE.

PROGRAM

[Simposyum
Highlights of Boletin de los Observatorios de Tonantzintla y Tacubaya]

As part of the celebrations of the International Year of Astronomy (IYA 2099), we are organizing a symposium to discuss and review the achievements and developments during the early phases of modern Mexican Astronomy.

Thursday November 5, 2009

8:00-9:00 BREAKFAST AT INAOE

9:00 WELCOME - **José Guichard and José Franco**

9:15 Historical Overview - **S. Torres-Peimbert and Omar López-Cruz**

HII REGIONS

9:45 - **Manuel Peimbert** - *Chemical Abundances in Galactic HII Regions Peimbert, M.; Costero, R. 1969, BOTT, 5, 3.*

10:15 **Manuel E. Méndez** -- *Spectrophotometry of the Orion Nebula. I. On the Nebular Structure, Mendez, M. E. 1967, BOTT, 4, 91.*

10:45 **Rafael Costero** -- *The Extinction Law in the Orion Nebula Costero, R.; Peimbert, M., 1970, BOTT, 5, 229.*
Alan Watson -- *The Law of Interstellar Extinction in Orion. Johnson, H. L.; Mendoza, E. E. V., 1964, BOTT, 3, 33.*

11:15-11:45 Coffee Break

11:45 - **Elsa Recillas** -- *On Two HII Regions Near the Nucleus of M82, Recillas-Cruz, E.; Peimbert, M., 1970, BOTT, 5, 247.*

STELLAR SYSTEMS

12:15 **Christine Allen** -- *Run-Away Stars as the Result of the Gravitational Collapse of Proto-Stellar Cl uster, Poveda, A.; Ruiz, J.; Allen, C., 1967, BOTT, 4, 86.*

12:45 **José H. Peña** -- *Estudio Espectroscópico y Fotométrico del Cúmulo Estelar en Coma Berenices, Mendoza, E. E., 1963, BOTT, 3, 137.*

13:15 **Leonid Georgiev** -- *BVRI-Photometry of the Brightest Stars in the Magellanic Clouds, Mendoza, E. E. 1970, BOTT, 5, 269.*

VARIABLE STARS

13:45 **Armando Arellano Ferro** -- *Photoelectric Photometry of Cepheid Variable Stars, Mitchell, R. I.; Iriarte, B.; Steinmetz, D.; Johnson, H. L., 1964, BOTT, 3, 153.*

14:15-16:00 LUNCH AT INAOE

16:00 **Irene Cruz-González** -- *Infrared Photometry of V1057 Cygni, Mendoza, E. E., 1971, BOTT, 6, 135.*

BLUE OBJECTS & BRIGHTS STARS

16:30 **Manuel Peimbert** -- *Faint Blue Stars in the Region near the South Galactic Pole. -- Haro, G.; Luyten, W. J. 1962, BOTT, 3, 37.*

17:00 **Helmut Abt** -- *Estrellas de Alta Luminosidad en las Vecindades de las Constelaciones del Cisne y Cefeo, Guillermina González; Graciela González, 1952, BOTT,1, 1.*

17:30 **Alejandro Cornejo** -- *Direct Design Solution for Cassegrain Shields, Cornejo, A.; Malacara, D., 1968, BOTT, 4, 246.*

20:00 SYMPOSIUM DINNER

FRIDAY, NOVEMBER 6, 2009

8:00-9:00 BREAKFAST AT INAOE

BLUE OBJECTS & BRIGHTS STARS

9:00 **Elena Terlevich** -- *Nota Preliminar sobre Galaxias Azules con Lineas de Emission, Haro, G., 1956, 2, 8.*

9:30 **A.G. Davis Philip** -- *A Finding List of Stars of Spectral Type A7 and Earlier in Regions at High Galactic Latitudes. II. South Galactic Pole,   Philip, A. G. D.; Sanduleak, N., 1968, BOTT, 4, 253.*

PLANET FORMATION

10:00 **L. F. Rodríguez** -- *The H-R Diagrams of Young Clusters and the Formation of Planetary Systems , Poveda, A. 1965, BOTT, 4, 15.*

PLANETARY NEBULAE

10:30 **Silvia Torres-Peimbert** -- *Planetary Nebulae. I. Photoelectric Photometry, Peimbert, M.; Torres-Peimbert, S., 1971, BOTT, 6, 21.*

11:00-11:30 COFFEE BREAK

11:30 **Miriam Peña** -- *Planetary Nebulae II. Electron Temperatures and Electron Densities, Peimbert, M., 1971, BOTT, 6, 29.*

12:00 **Leticia Carigi** -- *Planetary Nebulae IV. Predicted Chemical Composition and Interstellar Enrichment, Torres-Peimbert, S.;*

Peimbert, M., 1971, BOTT, 101.

GALATIC DYNAMICS

12:30 **Arcadio Poveda** -- *The Masses of Spherical Galaxies. M32 a Likely Application., Poveda, A., 1958, BOTT, 2, 3.*

13:00 **Omar López-Cruz** -- *Densidad es, Potenciales, y Funciones Asociadas en una Galaxia Esférica Reducida , A. Poveda, R. Iturriaga, I. Orozco, 1960, 2, 3.*

13:30 Symposium Summary -- **Helmut Abt**

14:00-16:00 LUNCH AT INAOE