

*Liste over 10 projekter med anvendelse af Hipparcos data*

- (\*H01) E. Høg, U. Bastian, S. Röser, L. Lindegren, N.N. (Russian): Tycho Reference Catalog (TRC) of Positions and Proper Motions.
- (H02) E. Høg, J. Otzen Petersen, N.N. (student): The nature of  $\delta$ -Scuti stars.
- (H05) E. Høg, J. Sommer-Larsen, J. Heasley (IfA, Hawaii): Absolute luminosities of subdwarfs.
- (H06) E. Høg, P. Thejll, H. Shipman, N.N. (student): Degenerate stars.
- (\*H07) E. Høg, J. Sommer-Larsen, C. Flynn, N.N. (student): Luminosities and kinematics of K giant stars.
- (H08) E. Høg, B. Pagel: Astrometry of nearby stars of halo population.
- (H09) E. Høg, S. Frandsen, H. Kjeldsen: Tests of stellar evolution using multi-mode pulsators.
- (H10) E. Høg, B. Pagel: Subdwarf main sequence and primordial helium abundance.
- (H11) E. Høg, B. Gustafsson, P.E. Nissen, N.N. (student): Surface gravities of metal-poor stars.
- (\*H12) E. Høg, J. Knude, N.N. (student): Velocity dispersions, galactic migration and stellar density laws at the North Galactic Pole.

*Liste over 18 projekter med anvendelse af Tycho data*

- (T04) E. Høg, U. Bastian, S. Röser, L. Lindegren, N.N. (Russian): Tycho Reference Catalog (TRC) of Positions and Proper Motions. Same project as H01.
- (T14) V. Grossmann, E. Høg et al.: Investigations towards the detection of variable stars from Tycho photometry.
- (\*T15) M. Grenon, U. Bastian, E. Høg et al.: Photometric survey of new Tycho proper motion stars.
- (T17) E. Høg, U. Bastian, V.V. Makarov et al.: Tycho parallaxes.
- (T18) E. Høg, U. Bastian, V.V. Makarov et al.: Tycho astrometry of minor planets and moons.
- (\*T20) C. Turon, E. Høg et al.: Estimation of the velocity dispersion gradients. Local mass density and asymmetric drift.
- (T21) C. Turon, E. Høg et al.: The HR diagram: luminosity calibration.
- (\*T22) C. Turon, E. Høg et al.: Stellar populations among faint high-velocity early-type stars.
- (T23) C. Turon, E. Høg et al.: The spatial structure of the Hyades cluster.
- (T26) D. Egret, E. Høg et al.: Re-calibration of the GSC data, using the TYCHO catalogue.
- (T28) Y. Requieme, V.V. Makarov, E. Høg et al.: Calibration of the Bordeaux CCD meridian circle.
- (\*T29) E. Høg, A. Wicenec, U. Bastian, V.V. Makarov: A second Tycho processing.
- (\*T30) E. Høg, U. Bastian, S. Röser, L. Lindegren: Utilization of improved Tycho proper motions.
- (\*T31) E. Høg, C. Flynn, C. Fabricius: Dark matter in the Milky Way disk, a study of K-giants.
- (\*T32) E. Høg, P. Thejll, V.V. Makarov: Population membership of hot subdwarfs.
- (\*T33) E. Høg, J. Knude: Two possible intermediate or high latitude luminous M giants
- (\*T34) E. Høg, J. Knude, C. Fabricius, V.V. Makarov: Color/age dependent  $W$ -dispersion; total disk density
- (\*T35) E. Høg, J. Knude, C. Fabricius, V.V. Makarov: Color/age dependent  $U, V$ -dispersions; dynamic relaxation
- (\*T36) E. Høg, J. Knude, C. Fabricius, V.V. Makarov: Time dependent  $U, V$ -dispersions; total disk density