**COOL STARS**

**IN CLUSTERS AND ASSOCIATIONS:**

**Magnetic Activity and Age Indicators**

PROGRAM

**Tuesday, May 20**

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| 08:30 - 09:30 | Registration and Poster Set-up |
| 09:30 - 09:45 | Welcome addresses |
| 09:45 - 10:45 | Evolutionary Models and Age Determinations of Galactic Clusters<br>*O. Straniero (Osservatorio Astronomico di Collurania)* |
| 10:45 - 11:30 | Coffee Break and Poster Session |
| 11:30 - 12:30 | Membership Determinations from Proper Motion Surveys<br>*B. Jones (UCO/Lick Observatory)* |
| 12:30 - 13:00 | CCD Photometry of Open Clusters<br>*J. R. Stauffer (Harvard-Smithsonian Center for Astrophysics)* |

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| 15:00 - 16:00 | Rotation and Angular Momentum Evolution of Low-Mass Young Stars<br>*J. Bouvier (Canada-France-Hawaii Telescope Corporation)* |
| 16:00 - 16:20 | Open Clusters: Constraints on Disk Age and Evolution<br>*A. Bragaglia (Osservatorio Astronomico di Bologna)* |
| 16:20 - 17:20 | Coffee Break and Poster Session |
| 17:20 - 17:50 | Radial Velocities and Binaries in Open Clusters<br>*J.C. Mermilliod (Institut d'Astronomie - Universite de Lausanne)* |
| 17:50 - 18:10 | Proper Motions and Photographic Photometry in the Field of the Southern Open Cluster NGC 2516<br>*G. Massone (Osservatorio Astronomico di Torino)* |
| 18:10 - 18:30 | Rotation of Late Type Stars in Young Clusters<br>*S. Catalano (Osservatorio Astrofisico di Catania)* |
| 18:30 - 18:50 | A *ROSAT* Deep Survey of the Galactic Plane $180^\circ < l < 280^\circ$<br>*J. Pye (Leicester University)* |

**Wednesday, May 21**

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| 09:00 - 10:00 | X-rays and Star Formation<br>*E. Feigelson (Penn State University)* |
| 10:00 - 10:30 | ROSAT and Optical Observations of Pre-Main Sequence Stars Outside Star Forming Regions<br>*R. Neuhäuser (MPE)* |
| 10:30 - 11:30 | Coffee Break and Poster Session |
| 11:30 - 12:30 | X-ray Flares and Magnetic Activity in Young Stellar Objects<br>*T. Montmerle (Service d'Astrophysique CEA/DAPNIA/SAp)* |
| 12:30 - 13:00 | Observations of Embedded Sources with ASCA<br>*K. Koyama ( Kyoto University)* |

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| 15:00 - 16:00 | Lithium in Young Clusters and Pre-Main Sequence Low-Mass Stars<br>*E. L. Martín (Instituto de Astrofísica de Canarias & University of California at Berkeley)* |
| 16:00 - 16:30 | Above and Below the Substellar Boundary<br>*G. Basri (University of California)* |
| 16:30 - 17:30 | Coffee Break and Poster Session |
| 17:30 - 18.00 | Chromospheric Activity in Young Clusters<br>*B.P. Byrne (Armagh Observatory)* |
| 18.00 - 18:20 | X-Ray Emitting PMS Stars in Upper SCO-CEN: the X-Ray Faint Population<br>*F. Favata (European Space Agency, Astrophysics Division)* |
| 18:20 - 18:40 | Discovery of the Sigma Orionis Cluster<br>*F. Walter (SUNY Stony Brook)* |
| 18:40 - 19.00 | X-ray Based Survey for Isolated T Tauri Stars Near TW Hydrae<br>*W. Hoff (Universitäts-Sternwarte Jena)* |

**Thursday, May 22**

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| 09:00 - 10:00 | X-ray Emission from Young Clusters<br>*S. Randich (European Southern Observatory & Osservatorio Astrofisico di Arcetri)* |
| 10:00 - 10:20 | The Stellar Activity of Hyades and Praesepe<br>*D. Barrado y Navascués (Center for Astrophysics)* |
| 10:20 - 11:00 | Coffee Break and Poster Session |
| 11:00 - 12:00 | Evolutionary Models of Low Mass Stars<br>*F. D'Antona (Osservatorio Astronomico di Roma)* |
| 12:00 - 12:20 | Primordial Lithium: Keck Observations in M 92 Turn-Off Stars<br>*C.P Deliyannis (Yale University)* |
| 14:30 - 23:00 | Excursion and closing dinner |

**Friday, May 23**

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| 09:00 - 09:30 | Loop Modelling of X-ray Coronae: Solar-Type Stars in Young Clusters and Associations<br>*A. Maggio (Osservatorio Astronomico di Palermo)* |
| 09:30 - 10:00 | X-Ray Observations of Old and Intermediate-age Open Clusters<br>*T. Belloni (University of Amsterdam)* |
| 10:00 - 10:30 | Chromospheric Activity in Old Clusters<br>*L. Pasquini (European Southern Observatory)* |
| 10:30 - 11:00 | Coffee Break |
| 11:00 - 12:00 | Discussion session on Optical Astronomy<br>*Convenor: R. Rebolo (Instituto de Astrofísica de Canarias)* |
| 12:00 - 13:00 | Discussion session on X-Ray Astronomy<br>*Convenor: R. Stern ( Lockheed Martin Solar and Astrophysics Laboratory)* |
| 15:00 - 19:00 | Splinter sessions |