

Monday, April 23, 2018

8:00 – 8:45	Registration/Breakfast	STScI Rear Lobby/Café Azafran
8:45 – 9:00	Welcome	Ken Sembach, Director, STScI
9:00 – 9:15	Introduction	David Soderblom, Chair
9:15 – 9:45	David DeVorkin	<i>The Origins of the HR Diagram in the “Great Correlation” Era</i>
9:45 – 10:15	Antonino Milone	<i>Multiple Stellar Populations in Globular Clusters</i>
10:15 – 10:30	Jae-Woo Lee	<i>Ca-CN-CH Photometry: New Photometric System for Multiple Stellar Populations in Globular Clusters</i>
10:30 – 11:15	AM Coffee Break	Café Azafran
11:15 – 11:45	Aaron Dotter	<i>Interpreting Multiple Stellar Populations: Stellar Evolution Models and Isochrones</i>
11:45 – 12:00	Annalisa Calamida	<i>The HR Diagram Covering the Entirety of the Puzzling Omega Cen Globular Cluster</i>
12:00 – 12:15	Silvia Martocchia	<i>Coeval Multiple Stellar Populations in the LMC Young Massive Cluster NGC 1978</i>
12:15 – 12:30	Edoardo Lagioia	<i>The RGB Bump of Multiple Stellar Populations in Globular Clusters</i>
12:30 – 1:45	Lunch	
1:45 – 2:00	Anna Marino	<i>Chemical Tagging of Multiple Stellar Populations from HST Photometry</i>
2:00 – 2:30	Alvio Renzini	<i>The Challenging Multiple Populations of Globular Clusters</i>
2:30 – 2:45	Young-Wook Lee	<i>Origin of the Double Red Clump in the H-R Diagram of the Milky Way Bulge</i>
2:45 – 3:00	Jeffrey Cummings	<i>Precision Main Sequence Turnoff Ages of Young Open Clusters: Multicolor UB_V Techniques and the Challenges of Rotation</i>
3:00 – 3:30	PM Coffee Break	Café Azafran
3:30 – 3:45	Ivan Cabrera-Ziri	<i>Be Stars in Young Massive Clusters: Clues About the Origin of Their Complex CMDs</i>
3:45 – 4:15	Marc Pinsonneault	<i>Constraining Stellar Physics with Spectroscopy and Asteroseismology</i>
4:15 – 4:30	Ylva Gotberg	<i>Binaries in the 21st Century H-R Diagram</i>
4:30 – 5:30	Poster Quickies	
5:30 – 7:00	Welcome Reception	Café Azafran

Tuesday, April 24, 2018

8:15 – 9:00	Breakfast	Café Azafran
9:00 – 9:15	Conveners	
9:15 – 10:15	Peter Stetson	<i>Early Imaging Photometry and the Development of DAOPHOT</i>
9:45 – 10:15	Leo Girardi	<i>Building Synthetic HRDs</i>
10:15 – 10:30	Philip Rosenfield	<i>Probabilistic Constraints on Stellar Evolution Models from Color-Magnitude Diagrams of MC Clusters</i>
10:30	Group Photo	Muller Building Front Steps
10:30 – 11:00	AM Coffee Break	Café Azafran
11:00 – 11:30	Lars Bildsten	<i>The Physics of Convective Core Hydrogen and Helium Burning: Open Cluster CMDs</i>
11:30 – 11:45	Seth Gossage	<i>Age Determinations of Hyades, Praesepe, and Pleiades via MESA Models with Rotation</i>
11:45 – 12:15	Marcella Di Criscienzo	<i>Advances in Studying Evolved Stars</i>
12:15 – 12:30	Siqi Liu	<i>The Impact of Thermally Pulsating AGB Stars in 3D-HST Post-starburst Galaxies</i>
12:30 – 1:45	Lunch	
1:45 – 2:00	Garrett Somers	<i>The Influence of Starspots on the H-R Diagram</i>
2:00 – 2:30	Jo Bovy	<i>HRDs of Fully Resolved Populations in the Galaxy</i>
2:30 – 3:00	Karrie Gilbert	<i>Lessons on Dwarf Galaxy Formation from Studies of Resolved Stellar Populations</i>
3:00 – 3:30	PM Coffee	Café Azafran
3:30 – 3:45	Kailash Sahu	<i>The Deepest H-R Diagram of the Stars in the Galactic Bulge</i>
3:45 – 4:15	Carme Gallart	<i>Star Formation Histories from Color-magnitude Diagrams Reaching the Oldest Main Sequence Turnoffs: From Ultra-faint Dwarfs to the Magellanic Clouds</i>
4:15 – 4:45	Dan Weisz	<i>The Local Deep Field</i>
4:45 – 5:00	Mario Gennaro	<i>Probing the Initial Mass Function in Ultra Faint Dwarf Galaxies Using HST</i>
5:00 – 5:15	Yutaka Komiyama	<i>Precise Color-Magnitude Diagrams for the Local Group Galaxies from Subaru Hyper Suprime-Cam</i>

Wednesday, April 25, 2018

8:15 – 9:00	Breakfast	Café Azafran
9:00 – 9:30	Francesca D'Antona	<i>Modelling and Understanding Different Parts of the HR Diagram, 50 Years of Stellar Evolution</i>
9:30 – 10:00	Elena Sabbi	<i>Star Formation in the Magellanic Clouds</i>
10:00 – 10:15	Peter Zeidler	<i>Constraining the Stellar Population of Young Massive Star Clusters Using HST and Integral Field Spectroscopy</i>
10:15 – 10:30	Roberta Humphreys	<i>LBVs, Hypergiants, and Impostors -- The Complex Upper H-R Diagram</i>
10:30 – 11:00	AM Coffee Break	Café Azafran
11:00 – 11:30	Marcella Marconi	<i>The Stellar Instability Strip</i>
11:30 – 12:00	Gregory Herczeg	<i>Testing the Early Evolution of Pre-main Sequence Stars</i>
12:00 – 12:15	Guido De Marchi	<i>The Ups and Downs of Getting There</i>
12:15 – 12:30	Giacomo Beccari	<i>OmegaCAM Discovers Multiple Sequences in the Color-magnitude Diagram of the Orion Nebula Cluster</i>
12:30 – 1:45	Lunch	
1:45 – 2:15	Tom Megeath	<i>Before the HR Diagram: Observations of Star Forming Regions</i>
2:15 – 2:45	Pier Giorgio Prada Moroni	<i>Metallicity Effects for Pre-main Sequence Stars</i>
2:45 – 3:00	L. Clifton Johnson	<i>Solar-mass Star Formation Tracers: Pre-Main Sequence Stars in the Small Magellanic Cloud</i>
3:00 – 3:30	PM Coffee Break	Café Azafran
3:30 – 3:45	Trevor David	<i>The Upper Scorpius OB</i>
3:45 – 4:00	Massimo Robberto	<i>The PMS Isochrone of the Orion Nebula Cluster in the Substellar Regime</i>
4:00 – 4:30	Sofia Randich	<i>The Power of Combining Precision Photometry and Spectroscopy</i>
4:30 – 4:45	Miguel Vioque	<i>Gaia Study on the Formation of Intermediate Mass Stars</i>
4:45 – 5:15	Marcella Marconi & Sofia Randich	<i>Gaia DR2</i>
5:30 – 6:30	SDAS Beer with STScI Staff	Café Azafran
6:30	Small Group Dinners	Various Restaurants

Thursday, April 26, 2017

8:15 – 9:00	Breakfast	Café Azafran
9:00 – 9:15	Conveners	
9:15 – 9:45	Adam Burgasser	<i>The Coolest Members of the H-R Diagram: Brown Dwarfs</i>
9:45 – 10:00	Sandy Leggett	<i>Jupiter-Mass Objects in the HR Diagram</i>
10:00 – 10:15	Sergio Dieterich	<i>Structure and Evolution at the Bottom of the Main Sequence: Connecting the Solar Neighborhood to Extreme Galactic Environments with Precision Space Photometry</i>
10:15 – 10:30	Ilaria Caiazzo	<i>Globular Cluster Ages from Cooling Brown Dwarfs</i>
10:30 – 11:00	AM Coffee Break	Café Azafran
11:00 – 11:15	Gerhardt Meurer	<i>IMF of Resolved Populations with HST</i>
11:15 – 11:45	Robyn Sanderson	<i>Science with Synthetic Resolved Stellar Surveys</i>
11:45 – 12:15	Kristen McQuinn	<i>Resolved Stellar Populations with JWST</i>
12:15 – 12:30	Howard Bond	<i>SPIRITS: Searching the Top of the Infrared HR Diagram for Extragalactic Variables and Transients</i>
12:30 – 12:45	Wrap Up/Adjourn	
12:45 – 2:00	Lunch	
2:00 – 5:00	Gail Schaefer, Chair	CHARA Workshop

ELECTRONIC SYMPOSIUM BOOKLET MAY BE VIEWED AT THE FOLLOWING LINK:

<http://www.stsci.edu/institute/conference/spring2018>.