



Monday, March 20, 8:00 am

Registration: 8:00 – 8:30

Opening

8:30 - 8:40 Welcome/Announcements - Antonella Nota & Pierre Ferruit (co-Chairs)

8:40 - 8:50 Welcome - G. Ortalli (President, Istituto Veneto di Scienze, Lettere ed Arti)

8:50 - 9:10 Welcome - K. Sembach (STScI)

9:10 - 9:40 (I) HST and JWST, brilliant prospects - C. Cesarsky (Saclay)

9:40 – 10:10 Coffee Break and Registration

Solar System

10:10 - 10:40 (I) OPAL's View of atmospheric evolution – M. Wong (UC Berkeley)

10:40 - 11:10 (I) Synergistic observations of the giant planets with HST and JWST: Jupiter's auroral emissions - D. Grodent (Univ. Liege)

Exoplanets

11:10 - 11:40 (I) Diversity in exoplanetary atmospheres – D. Sing (Exeter)

11:40 - 12:00 (C) Comparative planetology in the era of Great Observatories, JWST and beyond – J. Bean (Univ. Chicago)

12:00 - 12:30 (I) Super-Earths: the new frontier of exoplanetary science – G. Tinetti (UCL)

12:30 – 14:30 Lunch and Registration

14:30 - 15:00 (I) Atmospheric evaporation of exoplanets - D. Ehrenreich (Univ. Geneva)

15:00 - 15:20 (C) Polluted white dwarf science with Hubble and JWST – S. Xu (ESO)

15:20 - 15:50 (I) Exoplanetary Investigations with HST & JWST – C. Dressing (Caltech)

15:50 – 16:20 Coffee Break

16:20 - 16:40 (C) Determining the bulk water abundance of low-mass exoplanets with JWST – E. Kempton (Grinnell College)

16:40 - 17:00 (C) An atmosphere around the super-Earth 55 Cnc - A. Tsiaras (UCL)

17:00 – 17:30 Cocktail

17:30 – 18:30 Panel Discussion I

Tuesday, March 21, 8:30 am

Stars and Stellar Clusters

- 8:30 - 8:50 (C) Accretion and outflows in young stars and planets – C. Schneider (ESA)
8:50 - 9:20 (I) Near and Far: Massive Stars Revealed by Hubble and James Webb - S. Caballero-Nieves (IT Florida)
9:20 - 9:40 (C) Massive stars and dust: a key to tracing star formation through cosmic history. – L. Bianchi (JHU)
9:40 - 10:10 (I) Unveiling the formation of massive star clusters – E. Sabbi (STScI)
10:10 - 10:40 (I) LEGUS: Towards a coherent picture of stellar cluster and star formation in the local universe – A. Adamo (Stockholm Univ.)

10:40 – 11:10 – Coffee Break

- 11:10 - 11:30 (C) Young massive star clusters in the era of HST and IFU spectroscopy - P. Zeidler (Univ. Heidelberg)
11:30 - 12:00 (I) Globular clusters from space: the HST and JWST multi-color eyes – E. D’Alessandro (INAF Bologna)

Stellar Populations

- 12:00 - 12:20 (C) Dissecting Starbursts with HST: from 30 Doradus to dwarf galaxies – M. Cignoni (Univ. Pisa)
12:20 - 12:50 (I) The Ancient star formation history of the disc and halo of M31 – A. Ferguson (IfA, Edinburgh)

12:50 – 14:30 Lunch

- 14:30 - 14:50 (C) The Very Massive Star Content of the Nuclear Star Cluster in NGC5253 – L. Smith (ESA/STScI)
14:50 - 15:20 (I) The Resolved Stellar Populations of Dwarf Galaxies – E. Tolstoy (Groningen)
15:20 - 15:40 (C) Accretion Phenomena onto Star-forming Dwarf Galaxies – F. Annibali (Bologna)

15:40 – 16:10 Coffee Break

16:10 – 17:10 Panel Discussion II

17:10 – 18:00 Cocktail

18:00 – 19:30 Public Lecture – J. Mather (NASA JWST)

Wednesday, March 22, 9:00 am

AGN, BH

- 9:00 - 9:20 (C) The Search for AGN in Dusty Star Forming Hosts – A. Kirkpatrick (Yale Univ.)
9:20 - 9:50 (I) The role of JWST in the search for the first black holes – F. Pacucci (Yale Univ.)

Galaxy Assembly

- 9:50 – 10:20 (I) Wide-Field Slitless Spectroscopy from Space: Unique Constraints on Galaxy Evolution from Cosmic Dawn to Dusk - G. Brammer (STScI)

10:20 – 10:50 Coffee Break

10:50 - 11:20 (I) Galaxy Stellar Mass Assembly in the Early Universe – K. Caputi (Kapteyn Astron. Inst.)
11:20 - 11:40 (C) The Assembly of Disk Galaxies: from Hubble to JWST – S. Kassin (STScI)
11:40 - 12:00 (C) How Galaxies Live and Die on the Star-forming Main Sequence – S. Tacchella (ETH Zurich)
12:00 - 12:20 (C) RELICS: Discovering Bright Lensed Galaxies for JWST – D. Coe (STScI)

12:20 - 14:30 Lunch and Poster Viewing

Afternoon – free

18:00 Conference Dinner at Palazzo Zen

Thursday, March 23, 9:00 am

9:00 - 9:30 (I) The Final Frontier of Galaxy Formation with Galaxy Clusters as Cosmic Telescopes – M. Bradac (UC Davis)
9:30 - 10:00 (I) Star formation indicators for star forming galaxies at $1.4 < z < 2.5$ – G. Rodighiero (Univ. Padova)
10:00 - 10:30 (I) Galaxy Build-up at Cosmic Dawn: Lessons from Hubble for the JWST Era – P. Oesch (Univ. Geneva)

10:30 – 11:00 Coffee Break

11:00 - 11:20 (C) Combining the Power of JWST with Gravitational Lenses to constrain the Properties of Extremely Low-Luminosity galaxies – R. Bouwens (Univ. Leiden)
11:20 - 11:50 (I) Ly Break galaxies at $z \sim 7$ – R. Bowler (Univ. Oxford)
11:50 - 12:10 (C) Completing our view of early galaxy formation with JWST+HST+ALMA – J. Dunlop (Univ. Edinburgh)
12:10 - 12:30 (C) The first billion years of galaxy formation in cold and warm dark matter cosmologies with JWST – P. Dayal (Kapteyn Astronomical Institute)

12:30 - 14:30 Lunch and Poster Viewing

14:30 - 14:50 (C) TRGB Distances with HST and JWST – R.B. Tully (Univ. Hawaii)
14:50 - 15:20 (I) New results on expansion of the Universe – A. Riess (JHU)

15:20 – 15:50 Coffee Break

15:50 - 16:10 (C) Enabling a Bright and Productive Future for HST – F. Cepollina and J. Grunsfeld (GSFC)

16:10 – 17:10 Panel Discussion III

Closing Remarks

17:10 – 17:30 (I) Closing Remarks

17:30 – 18:30 Cocktail

Friday, March 24, 9:00 am

JWST Mini Workshop

9:00 -- 9:10 Welcome and Introduction – M. Sirianni (ESA)

9:10 – 9:30 JWST Project Status and Science Timeline - P. Ferruit (ESA)

9:30 – 9:50 Introduction to JWST Users Tools – N. Lewis (STScI)

9:50 – 10:30 JWST Exposure Time Calculator (PANDEIA) – Design overview and demonstration
– K. Pontoppidan (STScI)

10:30 – 10:40 Q&A Session

10:40 – 11:00 Coffee Break

11:00 -- 11:40 Astronomy Proposal Tool (APT) – Design overview and demonstration – A.
Armstrong (STScI)

11:40 – 11:50 Q&A Session

11:50 -- 12:30 NIRSpec Multi Object Spectroscopy Planning Tool (MPT) – Design overview and
demonstration – T. Beck and D. Karakla (STScI)

12:30 – 13:00 Lunch and Poster Viewing

14:00 – 14:25 Poster Session

14:25 – 14:45 JWST Pipeline and Data Product – J. Valenti (STScI)

14:45 – 15:15 Simulated Data - G. Giardino (ESA), M. Garcia Marin (ESA), N. Lewis (STScI)

15:15 – 15:35 Coffee Break

15:35 – 15:55 Engineering Database – Design and use case - M. Nieto-Santisteban (STScI)

15:55 – 16:20 Data Analysis Tools - S. Kassin (STScI)

16:20 – 16:30 Conclusion and future events - M. Sirianni (ESA)