

AAS MiM: Diffuse gas and star formation from the Milky Way to nearby galaxies

Session I: Monday, June 10, 2024 | 10:00 AM CT - 11:30 AM CT

The Diffuse Gas in the Milky Way I: Local Constraints from 3D Dust Mapping

10:00 AM CT - 10:25 AM CT

MilkyWay3D.org: A 3D Map of the Star Forming Milky Way--for ...
Alyssa Goodman

10:25 AM CT - 10:50 AM CT

3D Dust Mapping of Local Diffuse Gas in the Gaia Era: Progre...
Catherine Zucker

10:50 AM CT - 11:03 AM CT

Mapping Galactic Bubbles, Shells, and Clouds with Persistent...
Theo O'Neill

11:03 AM CT - 11:16 AM CT

The Geometry of the IRAS Vela Shell: Insights from 3D Dust M...
Bore Gao

11:16 AM CT - 11:29 AM CT

Uncovering three past massive star-forming complexes that sh...
Cameren Swiggum

Session II: Monday, June 10, 2024 | 2:00 PM CT - 3:30 PM CT

The Diffuse Gas in the Milky Way II: The Atomic Gas across the Milky Way

2:00 PM CT - 2:25 PM CT

Unveiling the diffuse atomic gas of the Milky Way: an observational perspective
Claire Murray

2:25 PM CT - 2:50 PM CT

Numerical modeling of the star-forming ISM: state-of-the-art...
Chang-Goo Kim

2:50 PM CT - 3:03 PM CT

An updated estimate of the CNM thickness in the solar neighborhood
Daniel Rybarczyk

3:03 PM CT - 3:16 PM CT

An unprecedented view of the CNM in molecular clouds revealed
Min-Young Lee

3:16 PM CT - 3:29 PM CT

Magnetic fields in the diffuse ISM: joint analysis of HI Zeeman
Marta Nowotka

Session III: Tuesday, June 11, 2024 | 10:00 AM CT - 11:30 AM CT

The Diffuse Gas in the Milky Way: The Warm/Hot Ionized Medium across the Milky Way

10:00 AM CT - 10:25 AM CT

The Diffuse Gas in the Milky Way: Warm Ionized Medium Across
Dhanesh Krishnarao

10:25 AM CT - 10:50 AM CT

The Milky Way hot circumgalactic medium as seen by eROSITA
Nicola Locatelli

10:50 AM CT - 11:03 AM CT

Cool Diffuse Ionized Gas Revealed by Sensitive Radio Recombination Line Surveys
Trey Wenger

11:03 AM CT - 11:16 AM CT

The Hardness of the Radiation in the Warm Ionized Medium
Loren Anderson

11:16 AM CT - 11:29 AM CT

The GBT Diffuse Ionized Gas Survey (GDIGS): Discrete Sources
Matteo Luisi

Session IV: Tuesday, June 11, 2024 | 2:00 PM CT - 3:30 PM CT

The Diffuse Gas in the Milky Way: The Three Phase Interstellar Medium Revisited

2:00 PM CT - 2:13 PM CT

Novel photoionization models with temperature, density, and ionization
Ahmad Nemer

2:13 PM CT - 2:38 PM CT

The Diffuse Gas in the Milky Way: The Three Phase Interstellar Medium Revisited
Kenneth Sembach

2:38 PM CT - 3:03 PM CT

The Three Phase Interstellar Medium Revisited: The search for a good big picture
Susan Clark

3:03 PM CT - 3:16 PM CT

The Northern Global Magneto-Ionic Medium Survey
Alex S. Hill

3:16 PM CT - 3:29 PM CT

The persistence of high altitude non-equilibrium diffuse ionized gas
Lewis McCallum

Session V: Wednesday, June 12, 2024 | 10:00 AM CT - 11:30 AM CT

The Diffuse Gas in Galaxies: The Magellanic Clouds as a Window into Low-metallicity Systems

10:00 AM CT - 10:25 AM CT

Resolved Studies of Molecular Clouds in the LMC and SMC
Tony Wong

10:25 AM CT - 10:50 AM CT

Variations of the interstellar dust abundance in nearby galaxies
Julia Roman-Duval

10:50 AM CT - 11:03 AM CT

Insights from Wide-field Surveys: Unveiling the Cold Neutral Gas
Nickolas Pingel

11:03 AM CT - 11:16 AM CT

Properties of HI cold clouds in the outskirts of the Magellanic Clouds
Hongxing Chen

11:16 AM CT - 11:29 AM CT

HI phase decomposition through 21cm emission morphology
Minjie Lei

Session VI: Wednesday, June 12, 2024 | 2:00 PM CT - 3:30 PM CT

The Diffuse Gas in Galaxies: Atomic and Ionized Gas in nearby Galaxies

2:00 PM CT - 2:23 PM CT

HI and star formation in nearby dwarf irregular galaxies
Deidre Hunter

2:23 PM CT - 2:46 PM CT

Towards an understanding of the diffuse HI around nearby galaxies
D.J. Pisano

2:46 PM CT - 3:09 PM CT

Diffuse Ionized Gas as a Tracer of Star-formation Feedback

Erin Boettcher

3:09 PM CT - 3:19 PM CT

Probing the Diffuse ISM in IC10 with Neutral Hydrogen Absorption

Ioana Stelea

3:19 PM CT - 3:29 PM CT

Passage Through the Carina Spiral Arm as the Origin of Major...

Robert Benjamin