

ANDREW K. SAYDJARI

Graduate Student | Harvard Physics

andrew-saydjari.github.io | andrew.saydjari@cfa.harvard.edu | he/him/his**SELECTED PRESENTATIONS**

I have given **25+** public science talks. Highlights include:**Invited Conference Talks**

JSM 2022: Astrostatistics Interest Group: Student Paper Award August 2022
 Photometry on Structured Backgrounds: Local Pixelwise Infilling by Regression

Contributed Conference Talks

Sloan Digital Sky Survey V (SDSS-V) Collaboration Meeting August 2023
 A New MWM Pipeline: Separating APOGEE Spectra into Components

Statistical Challenges in Machine Learning and Astrophysics (SCMA) VIII June 2023
 Measuring the 8621 Å Diffuse Interstellar Band in Gaia DR3 RVS Spectra:
 Obtaining a Clean Catalog by Marginalizing over Stellar Types

RAS Specialist Discussion: 1D ML March 2023
 Measuring the 8621 Å Diffuse Interstellar Band in Gaia DR3 RVS Spectra

AAS 241: Dust January 2023
 Measuring the 8621 Å Diffuse Interstellar Band in Gaia DR3 RVS Spectra

DECam at 10 Years Workshop September 2022
 The Dark Energy Camera Plane Survey 2 (DECaPS2): More Sky, Less Bias,
 and Better Uncertainties

Interstellar Institute #5: With Two Eyes July 2022
 Component Separation: An Application to Gaia RVS and APOGEE Spectra

AAS 240: Computation, Data Handling, Image Analysis June 2022
 The DECam Plane Survey (DECaPS2): Optical photometry of 3.3 billion stars in the
 southern Galactic plane

APS: March Meeting March 2019
 Enhancing Superconductivity in Indium Arsenide Quantum Well Heterostructures

Seminars, Lunch Talks, & Journal Clubs

Princeton: Thunch September 2023
 Probabilistic Component Separation: Deconstructing Photometric and Spectroscopic Pipelines

UWSeattle: Astro Lunch April 2023
 Probabilistic Component Separation: Deconstructing Photometric and Spectroscopic Pipelines

STScI: Low Density Universe Seminar April 2023
 Measuring the 8621 Å Diffuse Interstellar Band in Gaia DR3 RVS Spectra

CIELA: Astromérique Seminar (Montreal) February 2023
 Measuring the 8621 Å Diffuse Interstellar Band in Gaia DR3 RVS Spectra

CHASC: Astrostatistics Seminar January 2023
 Measuring the 8621 Å Diffuse Interstellar Band in Gaia DR3 RVS Spectra

CFA: Institute for Theory and Computation (ITC) Lunch October 2022

The Dark Energy Camera Plane Survey 2 (DECaPS2): More Sky, Less Bias,
and Better Uncertainties

CFA: Institute for Theory and Computation (ITC) Lunch

March 2022

Photometry on Structured Backgrounds

University of Toronto: Statistics and Machine Learning (SMILE) Journal Club

February 2022

Photometry on Structured Backgrounds

IAS: Pan-Experiment Galactic Science Group

July 2021

Learning from ISM Texture using the Wavelet Scattering Transform

LPENS: AstroLunch

December 2020

Scattering Transform Methods: Applications to Galactic Dust

Flash Talks & Posters

Sloan Digital Sky Survey V (SDSS-V) Science Festival

November 2022

Smithsonian Astronomical Observatory (SAO) Advisory Council

November 2022

Institute for Artificial Intelligence and Fundamental Interactions (IAIFI)

September 2022

Seeing the Future: A Conference in Honour of Alyssa Goodman

May 2022

Harvard-Heidelberg Star Formation Conference

November 2020

Center for Integrated Quantum Materials (CIQM)

October 2019