

Contributed talks are 15 minutes + 5 minutes question/transition time.

Session 1 - Monday (morning): An Overview of Links Between the Milky Way and Nearby Galaxies

9:00-9:30 Natalia Lahén, Emma Mannfors, and Mika Saajasto on behalf of the LOC

Welcome and introduction

9:30-10:15 Invited talk

Snezana Stanimirovic

TBD

10:15-10:35 Contributed talk

Marion Wielen

A New Perspective On Star Formation and Spiral Structure in Our Home Galaxy

10:35-10:55 Contributed talk

Christopher Clark

The First Maps of τ_d - the Dust Mass Absorption Coefficient

10:55-11:25 Coffee break

Posters

11:25-11:45 Contributed talk

Naomi McClure-Griffiths

Evolution of galaxies as influenced by interstellar gas

11:45-12:05 Contributed talk

Jonathan Henshaw

Ubiquitous velocity oscillations throughout the ISM in the MW and Nearby Galaxies

12:05-12:25 Contributed talk

Kazuyuki Muraoka

ALMA observations of GMCs in M 33: Revealing star-formation activities in molecular filaments/clumps

12:25-14:25 Lunch

Session 2 - Monday (afternoon): Recent Results on Galactic and Extragalactic Star Formation

14:25-15:10 Invited talk

Bruce Elmegreen

The ISM and Galaxy Evolution from pc to kpc Scales

15:10-15:30 Contributed talk

María Jesus Jimenez Donaire

Gas Density Regulating Star Formation

15:30-15:50 Contributed talk

Diederik Kruijssen

The physics encoded by the star formation relation from clouds to galaxies

15:50-16:15 Poster advertisements

16:15-16:45 Coffee break

Posters

16:45-17:05 Contributed talk

Cecilia Bacchini

Volumetric star formation laws of disc galaxies

17:05-17:25 Contributed talk

Veli-Matti Pelkonen

From CMF to IMF: can we predict the mass of the forming star?

17:25-17:45 Contributed talk

Adam Ginsburg

High-Mass star clusters providing an observational bridge

18:00-19:00 Reception

Session 3 - Tuesday (morning): Recent Surveys, Observations, and Simulations Linking Galactic and Extragalactic Science

9:00-9:45 Invited talk

Mélanie Chevance

TBD

9:45-10:05 Contributed talk

Cara Battersby

First results from CMZoom

10:05-10:25 Contributed talk

Nicolas Peretto

Virial ratio of clouds evolving over sub-pc to 20 pc scales

10:25-10:55 Poster advertisements

10:55-11:25 Coffee break

Posters

11:25-11:45 Contributed talk

Jiayi Sun

PHANGS-ALMA: Demographics and Environment-dependence of Molecular Cloud Properties

11:45-12:05 Contributed talk

Kathryn Kreckel

Mapping metallicity variations across nearby galaxy disks

12:05-12:25 Contributed talk

Matteo Luisi

Structure and Kinematics of WIM at high resolution

12:25-14:25 Lunch

Session 4 - Tuesday (afternoon): Recent Surveys, Observations, and Simulations Linking Galactic and Extragalactic Science (continued)

14:25-15:10 Invited talk

Steven Longmore

TBD

15:10-15:30	Contributed talk	Dario Colombo	Three dimensional gas organization of the Milky Way
15:30-15:50	Contributed talk	Sébastien Comerón	MUSE observations of eDIG in nearby galaxies
15:50-16:10	Contributed talk	Omnarayani Nayak	Multi-Wavelength Observations of a Super Star Cluster
16:10-16:40	Coffee break		posters
16:40-17:00	Contributed talk	Alberto Bolatto	Resolved Molecular Gas in Nearby Galaxies: Results from the EDGE-CALIFA Survey
17:00-17:20	Contributed talk	Robert Benjamin	The Milky Way As a Ringed Galaxy: New Results on the Three Kiloparsec Arms
17:20-17:40	Contributed talk	Manuel Riener	Going beyond cloud segmentation: Unveiling the detailed velocity structure of the CO gas in the Galactic plane

19:00-22:00 Conference Dinner at Sipuli

Session 5 - Wednesday (morning): Recent Surveys, Observations, and Simulations Linking Galactic and Extragalactic Science (continued)

9:30-10:15	Invited talk	Eve Ostriker	TBD
10:15-10:35	Contributed talk	Brent Groves	The Diffuse Ionised Gas and its link to star formation & galaxy properties
10:35-10:55	Contributed talk	Sarah Jeffreson	A general theory for the lifetimes of giant molecular clouds under the influence of galactic dynamics
10:55-11:15	Contributed talk	Ashley Barnes	Results from Galaxy Observations project (LEGO)
11:15-11:45	Coffee break		Posters
11:45-12:05	Contributed talk	Lijie Liu	High resolution ALMA maps of nearby galaxies: CPROPSTOO code characterizing cloud properties
12:05-12:25	Contributed talk	En Chen	Magnetic fields in the ISM + AREPO
12:25-12:45	Contributed talk	Andrew Rigby	A high-resolution view of molecular cloud substructures within the inner Galactic disc
12:45-13:05	Contributed talk	Tony Wong	Velocity dispersion vs. size in the LMC and across the EDGE-CALIFA survey
13:05-13:25	Contributed talk	Martin Bureau	Results from the WISDOM survey, including cloud properties and consequences of the CO-to-H ₂ conversion factor

Optional Conference Outing/Working Groups

Session 6 - Thursday (morning): The Galactic and Extra-galactic ISM: Structure, Chemistry, and Physical Conditions

9:00-9:45	Invited talk	Jouni Kainulainen	TBD
9:45-10:05	Contributed talk	Rowan Smith	Introducing the Cloud Factory: How galactic scale forces affect cloud morphology and dynamics
10:05-10:25	Contributed talk	Claire Murray	Cold, dusty neutral gas and its role in the ISM lifecycle
10:25-10:45	Contributed talk	Kazuki Tokuda	Spatially resolved filamentary clouds in the Large Magellanic Cloud
10:45-11:15	Coffee break		posters
11:15-11:35	Contributed talk	Andri Spilker	Interpreting scaling relations relevant to star formation
11:35-11:55	Contributed talk	Francesco Santoro	PHANGs: A view of star formation, feedback and chemical enrichment across galaxy disks seen by MUSE and ALMA
11:55-12:15	Contributed talk	Joana Oliveira	Herschel Spectroscopy of Massive YSOs in the Magellanic Clouds

12:15-14:15 Lunch

Session 7 - Thursday (afternoon): The Galactic and Extra-galactic ISM: Structure, Chemistry, and Physical Conditions

14:15-15:00	Invited talk	Nanase Harada	Astrochemistry from pc to kpc scales
15:00-15:20	Contributed talk	Daniel Seifried	Novel simulations of molecular cloud formation in galactic disks within the SILCC collaboration

15:20-15:40	Contributed talk	Yuki Yoshimura	Molecular-cloud-scale (~10pc) spectral line mapping observations toward Galactic molecular clouds
15:40-16:10 Coffee break		Posters	
16:10-16:30	Contributed talk	Yuan Wang	Dense Gas Tracers in GMFs
16:30-16:50	Contributed talk	Christopher Faesi	The Role of Environment in Shaping Molecular Cloud Properties
16:50-17:10	Contributed talk	Mark Gorski	Molecular lines in the ISM: Ammonia in nearby galaxies
17:10-17:30	Contributed talk	Yuri Nishimura	Molecular observations toward Galactic and extra galactic sources
Session 8 - Friday (morning): Feedback and Galaxy Evolution in the Milky Way and Nearby Galaxies			
9:00-9:20	Contributed talk	Daniel Walker	Star formation vs. environment: a high-resolution view of protostellar sources in the CMZ
9:20-9:40	Contributed talk	Jeremy Chastenet	Dust and the evolution of galaxies
9:40-10:00	Contributed talk	Samantha Benincasa	The Life and Death of Stellar Nurseries
10:00-10:20	Contributed talk	Nico Krieger	A detailed ALMA look into the NGC253 starburst and its connection to the Galactic Center
10:20-10:40	Contributed talk	Christine Simpson	CR transport with the moving mesh code AREPO
10:40-11:10 Coffee break		Posters	
11:10-11:30	Contributed talk	Anna McLeod	Feedback from massive stars shaping galaxies
11:30-11:50	Contributed talk	Benjamin Keller	Observations and new statistical methods deriving fundamental properties of stellar feedback on molecular cloud scales
11:50-12:10	Contributed talk	Grace Olivier	Evolution of Feedback in HII Regions
12:10-12:30	Contributed talk	Natalia Lahén	The formation of low metallicity stellar clusters in dwarf galaxy mergers
12:30-12:50	Contributed talk	Megan Reiter	Feedback's critical but poorly understood role in regulating star formation
12:50-13:10	Contributed talk	Elizabeth Watkins	Feedback from OB stars on their parent cloud: Gas exhaustion rather than gas ejection