

Oral presentations

Written by Administrator

Monday, 19 September 2011 08:28 - Last Updated Tuesday, 25 October 2011 21:40

Oral presentations

First Name

Last Name

Institute

Title

Type of Talk

Session 1: an inventory of Galactic Surveys

Friedrich

Wyrowski

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MPIfR

[ATLASGAL](#)

[.pdf](#)

Michele

Pestalozzi

INAF-IFSI

[Viewing the Galaxy through Hi-GAL](#)

[.pptx](#)

Andrew

Walsh

James Cook University

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HOPS

I

Jorge

Pineda

JPL, California Institute of Technology

The Distribution of [CII] 158um emission in the Milky Way revealed by Herschel HIFI

[.pptx](#)

Gary

Fuller

Jodrell Bank Centre for Astrophysics,
University of Manchester

A Spitzer Catalogue of Infrared Dark Clouds

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C

Ana

Duarte Cabral

Laboratoire d'Astrophysique de Bordeaux

[The MALT90 survey of massive star forming regions](#)

[.ppt](#)

Adam

Ginsburg

University of Colorado, Boulder

[The Bolocam Galactic Plane Survey and Formaldehyde Densitometry Survey](#)

[.pdf](#)

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Frederique

Motte

CEA, Saclay

[Herschel Surveys of Star Forming Regions within 3kpc](#)

[.pdf](#)

Alyssa

Goodman

Harvard-CfA

[Scientific Results from the COMPLETE Survey of Star-Forming Regions](#)

[.pdf](#)

Lori

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Allen

NOAO

[Star formation in the nearest kpc: the Spitzer View](#)

[.pptx](#)

Session 2: the *Milky Way in the Extragalactic Context*

John

Bally

University of Colorado, Boulder

[Star Formation in the Central Molecular Zone](#)

[.ppt](#)

Steve

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Longmore

ESO Headquarters

[Dense Gas in the Central Molecular Zone](#)

[.pdf](#)

Sergio

Molinari

INAF-IFSI

[A twisted ring of cold and dense dust revealed by the Hi-GAL Survey around the Galactic Center: a past AGN phase for the Milky Way ?](#)

C

Andrea

Giuliani

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Monday, 19 September 2011 08:28 - Last Updated Tuesday, 25 October 2011 21:40

INAF-Milano

The Gamma Ray view of our Galaxy

C

Frank

Bigiel

UC-Berkeley

[Gas and Star Formation in Nearby Galaxies.](#)

[.pdf](#)

Amanda

Heiderman

University of Texas at Austin

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Exploring the Limits of Star Formation from the Extreme Environment of Starbursts to the Milky Way

[.pdf](#)

Margaret

Meixner

STScI

Star Formation at low metallicity

[.pdf](#)

Sami

Dib

Imperial College London

The Dependence of the Star Formation Laws on Metallicity

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[.ppt](#)

Annie

Hughes

MPIA-Heidelberg

The Atomic Gas Associated with Giant Molecular Clouds in the Large Magellanic Cloud

[.ppt](#)

Jonathan

Braine

Laboratoire d'Astrophysique de Bordeaux

The ionized carbon emission from M33: results from the Herschel/HIFI Key Program HerM33es

[.pdf](#)

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Eva

Schinnerer

MPIA-Heidelberg

Star Formation and ISM in Nearby Galaxies: The PAWS view

[.pptx](#)

Pierre

Gratier

IRAM Grenoble

Star formation in chemically young Local Group galaxies

[.pdf](#)

Matthew

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Smith

Cardiff University

[Gas, Dust and Star-Formation in Andromeda with HELGA](#)

[.pptx](#)

Guinevere

Kauffmann

Max Planck Institute for Astrophysics

[Gas Accretion and Star Formation in an Ensemble of Nearby Milky Way-like Galaxies](#)

C

Session 3: Morphology and physics of the diffuse ISM

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Francois

Boulanger

IAS, Orsay

Galactic dust in the Herschel and Planck era

[.pdf](#)

Paradis

Deborah

IRAP, Toulouse

Properties of the Galactic Interstellar Medium Emission

[.pdf](#)

Alessio

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Traficante

University of Rome, Tor Vergata

[ISM properties in a localized field with the inversion technique. Results from I = 30? Hi-GAL field](#)

[.pptx](#)

Edith

Falgarone

Ecole Normale Supérieure & Observatoire de Paris

[Turbulence and magnetic fields in diffuse molecular gas: from 30-pc to mpc scales](#)

[.pdf](#)

Eleonore

Saury

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Institut d'Astrophysique spatiale

[Turbulence in the atomic biphasic interstellar medium : 3D hydrodynamical numerical simulations](#)

[.pdf](#)

Paul

Goldsmith

JPL-Caltech

[The atomic to molecular transition in the Interstellar Medium](#)

I

William

Langer

JPL-Caltech

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[The GOT C+ \[CII\] 158 \$\mu\$ m Survey of the Inner 1 kpc of the Galaxy](#)

[.pdf](#)

Joanne

Dawson

University of Tasmania

[Supershells as Molecular Cloud Factories in the Evolving ISM](#)

[.pdf](#)

Session 4: Conditions, mechanisms, properties and timescales for the formation of Galactic s

Patrick

Hennebelle

Ecole Normale Supérieure, Paris

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Formation of molecular clouds and filaments from the Interstellar Medium

R

Eugenio

Schisano

INAF-IFSI

Filaments in the Galaxy: Physical properties and their role in the game.

[.pdf](#)

Jouni

Kainulainen

Max Planck Institute for Astronomy

What do column density probability distributions tell us about the molecular cloud structure?

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[.pdf](#)

Danae

Polychroni

INAF-IFSI

[Filaments in Orion: A first look of the Integral Shaped Filament with Herschel](#)

[.pdf](#)

Qizhou

Zhang

Harvard-Smithsonian CfA

[Filaments, Star Formation and Magnetic Fields](#)

[.pdf](#)

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Doris

Arzoumanian

CEA Saclay

[Characterizing interstellar filaments with Herschel in nearby molecular clouds.](#)

C

Mika

Juvela

University of Helsinki

[Galactic Cold Cores](#)

[.pdf](#)

Richard

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Crutcher

University of Illinois

[The role of magnetic field in Star Formation](#)

[.pdf](#)

Shu-Ichiro

Inutsuka

Nagoya University

[The Formation and Evolution of Filamentary Molecular Clouds](#)

[.pdf](#)

Jaime E

Pineda

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ESO and University of Manchester

[Direct Observation of the Transition to Coherence and Isothermal Filaments in a Dense Core](#)

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Hendrik

Linz

MPIA-Heidelberg

[Dense molecular gas in Herschel/EPoS clumps - Tracing the onset of higher-mass star formation](#)

C

Thomas

Preibisch

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Universitaets-Sternwarte Muenchen

[Under pressure: thermal and spatial structure of strongly irradiated clouds in the Carina Nebula, the nearest laboratory of massive star feedback](#)

[.pdf](#)

Nicolas

Peretto

CEA,Saclay

[Formation of filamentary structures and prestellar cores in Gould Belt regions: The Herschel perspective](#)

I

Philippe

Andre

CEA,Saclay

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[First results from the Herschel Gould Belt Survey in the Ophiuchus cloud](#)

C

Anaëlle

Maury

ESO Headquarters

[A millimeter continuum view of the Aquila Rift complex. Probing the properties of star formation in two active protoclusters: Serpens South and W40.](#)

C

Cara

Battersby

Center for Astrophysics and Space Astronomy, University of Colorado, Boulder, USA

[Characterizing Precursors to Stellar Clusters with Herschel](#)

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C

Thushara

Pillai

Caltech

[Fragmentation, stability, and chemistry towards high-mass star-forming regions](#)

[.pdf](#)

Session 5: Star formation modes, thresholds, rates and efficiency on Galactic scales.

Charles

Lada

Harvard-CfA

[Star Formation Rates and Thresholds in Molecular Clouds of the Milky Way and](#)

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Beyond: Deciphering the Nature of the Global Scaling Relations.

R

Jens

Kauffmann

Jet Propulsion Lab

How Star Formation Modes and Thresholds manifest in Molecular Cloud Structure

C

Jonathan

Tan

University of Florida

The formation of high-mass stars and clusters

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[.pdf](#)

Ian

Bonnell

University of St Andrews, UK

High-mass star formation from a Galactic context

I

Riccardo

Cesaroni

INAF- Osservatorio di Arcetri

Evolutionary stages of high-mass star formation from the observational viewpoint

I

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Tom

Megeath

University of Toledo

[The Dependence of the Star Formation Rate and the IMF on Environment: Insights from Spitzer and Herschel](#)

[.pdf](#)

Rowan J

Smith

Zentrums für Astronomie Heidelberg, Institut für Theoretische Astrophysik

[Revealing the dynamics of star formation in filaments and in massive star forming regions.](#)

[.ppt](#)

Eli

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Bressert

University of Exeter / ESO / CfA

[What the spatial distribution of stars can tell us about star formation, clusters & the IMF](#)

[.pdf](#)

Davide

Elia

INAF-IFSI, Rome

[The Herschel view of the on-going star formation in the Vela-C molecular cloud](#)

C

Paola

Caselli

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University of Leeds

Chemical clocks in star forming regions

I

Milena

Benedettini

INAF-IFSI

Herschel and Mopra maps of the Lupus molecular clouds

[.pdf](#)

Karl

Menten

MPIfR

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Trends in Star Formation with Galactocentric radius

I

Toby

Moore

Liverpool John Moores University

The Star-formation efficiency as a function of Galactic Radius as seen by RMS

C

Annie

Zavagno

OAMP-Marseille

Triggered Star Formation

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I

Lawrence

Morgan

Liverpool John Moores University

[Using Herschel to Determine the Role of Triggering Processes in forming the Galactic IMF](#)

C

Matthias

Gritschneider

KIAA Peking University

[Photoionization and Triggered Star Formation in SPH simulations](#)

[.pdf](#)

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Miranda

Dunham

Yale University

[Extent of Triggered Star Formation in the Bolocam Galactic Plane Survey](#)

[.pdf](#)

Session 6: Galactic structure.

Bob

Benjamin

University of Wisconsin

[The Relation between Stars, Gas, and Star Formation in the Galactic Bar\(s\) and Disk](#)

I

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Leo

Blitz

UC-Berkeley

[The large scale structure of the Milky Way in its gaseous content.](#)

I

Mark

Reid

Harvard-CfA

[Galactic Structure from Trigonometric Parallaxes of Star Forming Regions](#)

I

Delphine

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Russeil

OAMP-Marseille

[Milky Way Galaxy models](#)

I

Doug

Marshall

IRAP, Toulouse

[Exploring the third dimension in Herschel and Planck maps](#)

[.pdf](#)

Lee

Summers

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University of Exeter

[*Mapping & Modelling The Outer Galaxy's Spiral Structure in CO and HI*](#)

C

Timothy

Ellsworth-Bowers

University of Colorado - Boulder

[*Distance Determination for Bolocam Galactic Plane Survey Sources: A Method for Deriving Distance Probability Density Functions*](#)

C