

[Q](#) A STAR WAS BORN!⁽⁰⁾

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*A conference celebrating the scientific achievements of
Mike Dopita, April 8-13, 2018, Abbazia di Spineto, Italy*

CONFERENCE TOPICS

A Star Was Born will cover Mike Dopita's favourite topics, from the physics of young stellar jets and outflows, the ISM, HII regions, planetary nebulae, supernova remnants, to galaxies (star formation, dynamical transformations, theoretical evolution), and AGN. The conference will include theorists, computational modellers, and observers. We are encouraging all speakers to present new research and ideas, rather than reviews of a given field or topic. There will be ample time for questions and discussion to facilitate cross-fertilization of ideas across the different topics.

SPEAKERS & SCHEDULE

Monday

**Mike Dopita**

"On Becoming
an Astronomer."

**Luc Binette**

"Evidence of a
temperature
problem similar in
the NLR as in HII
regions"

**Luciana Bianchi**

"Populating the
post-AGB HRD using
GALEX, SDSS,
PanSTARRS, HST,
Gaia to solve critical
puzzles in stellar

**Alejandro Raga**

"Radiative jets from
variable sources"

**Yu Gao**

"The star formation
law in dense
molecular gas"

**Ortwin Gerhard**

"The large-scale
structure of the
Milky Way's stars
and gas"

**Cristina Popescu**

Radiative Transfer
Modelling of the
Milky Way.."

**Magda Arnaboldi**

"PN populations in
early-type
galaxies,
intracluster light,
tracing stellar
populations
& kinematics in the

**Brent Groves**

"Modelling dust in
the interstellar
medium."

**Jeff Rich**

"Spatially
Resolved
Spectroscopy of

**Paola Merluzzi**

"Gas Stripping with
WiFeS"

**Imke de Pate**

"Dinner talk, a tour
through our solar
system, with a

Tuesday



Ralph Sutherland
 "Building a Diffuse Universe"



Mark Allen
 "All-Sky astrophysics - show me the data!"



Stéphane Charlot
 "Interpreting the combined signatures of stars, active nuclei and the ISM in UV spectra of"



Sultana Nahar
 "The Opacity and the Iron Projects: Atomic processes in astrophysical plasmas"



Claus Leitherer
 "Escape of Lyman Photons from Galaxies"



Molly Peeples
 "Figuring Out Gas & Galaxies In Enzo (FOGGIE)"



Mark Krumholz
 "Metal Flows in Galaxies"



Maria Pena-Guerrero
 "Carbon Abundances in Starburst Galaxies of the"



Rolf Kudritzki
 "Chemical Evolution & Distances of Star Forming Galaxies"



Letizia Stanghellini
 "Radial metallicity gradients from emission-line probes in star forming galaxies."



Huub Rottgering
 "LOFAR's deep and wide low frequency radio sky: news for feedback and"



David Rupke
 "Spatially Resolved Properties of AGN Feedback in Nearby Galaxies"

Thursday



Frank Winkler
"Surveying
Supernova
Remnant
Populations in



Frédéric Vogt
"Supernova
Remnants"



Prajval Shastri
"S7 papers - AGN
looking ahead at
science from 3D
views"



Geoff Bicknell
"The physics of AGN
feedback: the
optical-radio
connection"



Julia Scharwaechter
"Probing
supermassive
black holes and
AGN feedback
with 3D



Sylvain Veilleux
"Quasar feedback
and the
circumgalactic
medium around
more normal



Stephanie Juneau
"Galaxy
Substructure
Collimating
AGN-driven
Outflows"



Christophe Morisset
"Photoionization
models finally
compatible with
empirical



Alexandre Alaïre
"Shock models
database"

Friday





Wil van Bruegel

"Mike & the
Cosmos"

A STAR WAS BORN - Schedule : Sheet1

	Monday	Tuesday	Wednesday	Thursday
7:00 AM	Breakfast	Breakfast	Breakfast	Breakfast
9:00 am	Registration/Setup 9:15 am Welcome by Lisa/Abbazia	Ralph Sutherland "Building a Diffuse Universe"		David Nicholls "Abundance scalar nebular models"
9:30 AM	Mike Dopita "A Becoming Astronomer"	Mark Allen "All sky Astrophysics"		Angel Lopez-Sanchez "Dissecting stars and outflows in local dwarf galaxies with the AAT"
10:00 AM	Luc Binette "Is there a temperature problem in the NLR of AGN?"	Lisa Kewley "ISM properties of galaxies in the JWST ERA"	Bus leaves Abbazia	Giovanni Cresci "The MAGNUM survey outflows and star formation in nearby Seyfert galaxies with MUSE"
10:30 AM	Coffee/Discussion	Coffee/Discussion		Coffee/Discussion
11:00 AM				

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