

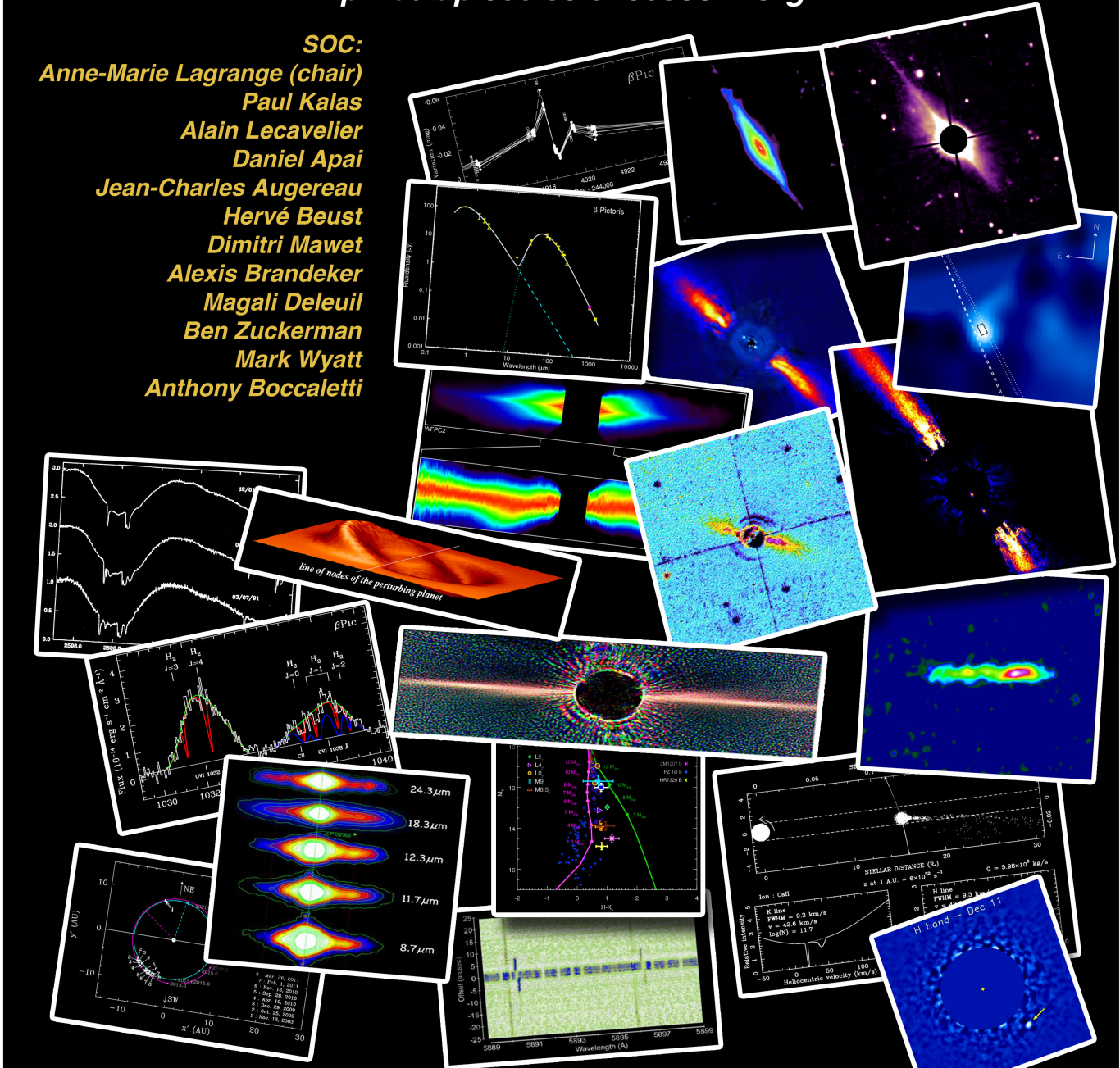
Thirty years of beta Pictoris and debris disk studies

International Conference & Workshop - Paris, 8 - 12 Sept. 2014

<http://betapic30.sciencesconf.org/>

SOC:

- Anne-Marie Lagrange (chair)
- Paul Kalas
- Alain Lecavelier
- Daniel Apai
- Jean-Charles Augereau
- Hervé Beust
- Dimitri Mawet
- Alexis Brandeker
- Magali Deleuil
- Ben Zuckerman
- Mark Wyatt
- Anthony Boccaletti

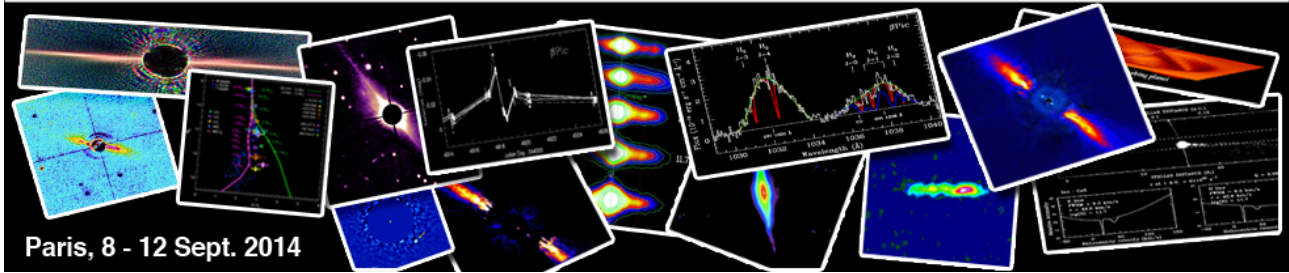


Observatoire d'Études Spatiales et d'Instrumentation en Astrophysique

Lab OSUG 2020



Thirty years of beta Pic and debris disk studies



Program

Monday, September 8th

8:30 *Registration*

Session 1: The beta Pic system

9:30	<i>Introduction</i>	A.-M. LAGRANGE / A. BOCCALETTI
9:45	<i>From IRAS excess to debris disks - REVIEW</i>	D. BACKMAN
10:15	<i>Young star associations - REVIEW</i>	I. SONG
10:45	COFFEE BREAK	
11:15	<i>The first young moving group - FOCUS</i>	J. KASTNER
11:25	<i>Properties of the star beta Pictoris - REVIEW</i>	M. DELEUIL
11:55	<i>How old is beta Pic?</i>	A. BINKS
12:10	<i>Circumstellar gas in beta Pic - FOCUS</i>	A. VIDAL MAJAR
12:20	<i>The first resolved spectra - FOCUS</i>	A. BRANDEKER
12:30	LUNCH	
14:00	<i>The properties of the gas around beta Pictoris -REVIEW</i>	A. ROBERGE
14:30	<i>Falling Evaporating Bodies around Beta Pictoris.- FOCUS</i>	H. BEUST
14:40	<i>beta Pictoris with ALMA: mm grains and molecular gas - FOCUS</i>	B. DENT
14:50	<i>Two families of exocomets in the circumstellar disk of beta Pictoris</i>	F. KIEFER
15:05	<i>The dust properties of the beta Pictoris disk - REVIEW</i>	J.-C. AUGEREAU
15:35	<i>The disk structure and the planet in the beta Pictoris system</i>	D. APAI
15:50	COFFEE BREAK	
16:30	<i>Giant impacts in the beta Pic system</i>	A. JACKSON
16:45	<i>Probing the innermost regions of the beta Pic planetary system with near-infrared interferometry</i>	O. ABSIL
17:00	<i>Comet-like mineralogy of olivine crystals in an extrasolar Kuiper belt</i>	B. DE VRIES
17:15	<i>The whodunit of debris disk archaeology in multi-planet systems</i>	R. DAWSON
17:30	<i>First image of the disk - FOCUS</i>	B. SMITH
19:00	COCKTAIL AT SALLE CASSINI	

Tuesday, September 9th

Session 1: The beta Pic system (con't)

9:30	The first HST image - FOCUS	M. CLAMPIN
9:40	First image of the planet - FOCUS	A.-M. LAGRANGE
9:50	Possible planet transit - FOCUS	A. LCAVELIER
10:00	<i>The properties of the planet(s) around beta Pictoris - REVIEW</i>	M. BONNEFOY
10:30	<i>The orbit of the young exoplanet beta Pictoris b</i>	E. NIELSEN
10:45	BREAK	
11:15	<i>Constraining the orbital properties of beta Pictoris b with Harps radial velocity data</i>	S. BORGNIE
11:30	<i>Observations of beta Pictoris b with the Gemini Planet Imager</i>	J. CHILCOTE
11:45	A radiative-convective equilibrium model for young giant exoplanets: Applications to beta pictoris b data	J.-L. BAUDINO
12:00	The fast spin of the young exoplanet beta Pic b	J. BIRKBY
12:15	POSTER EXPRESS SESSION	
12:30	LUNCH	

Session 2: Other debris disks

14:00	Formation & dynamical history of the beta Pic system -REVIEW	M. WYATT
14:30	Apocenter glow in eccentric debris disks	M. PAN
14:45	Gas in debris disks: a new way to produce patterns?	W. LYRA
15:00	Can gas-dust interactions explain the morphology of the Fomalhaut debris belt?	G. CATALDI
15:15	Description and Similarities/Differences with Beta Pictoris Through Scattered-Light Imaging - REVIEW	G. SCHNEIDER
15:45	COFFEE BREAK	
16:30	Disks in the beta Pic Moving Group- REVIEW	J. DEBES
17:00	What Debris Disks Can Tell Us about the Masses, Orbits, and Compositions of Planets	T. RODIGAS
17:15	Young debris disks with Herschel	J. DONALDSON

Wednesday, September 10th

Session 2: Other debris disks (con't)

9:30	Disk modeling results - REVIEW	G. KENNEDY.
10:00	A sensitive identification of warm debris disks in the solar neighborhood through precise calibration of saturated wide photometry	R. PATEL

10:15	An Adaptive Optics Imaging Survey Spanning Two Hemispheres of the First Sample of Debris Disk Stars from the WISE Mission	S. HINKLEY
10:30	New Observations of Fomalhaut, Beta Pic and HR 4796A with HST and GPI	P. KALAS
10:45	COFFEE BREAK	
11:15	Exo-comets and debris disks: Is Beta Pictoris typical of other debris disk systems	B. WELSH
11:30	Far Infrared and Sub-millimetre Imaging of HR 8799	M. BOOTH
11:45	Insights on the dynamical history of the Fomalhaut system - Investigating the Fom c hypothesis	V. FARAMAZ
12:00	VLT/SPHERE high contrast observations of exoplanets and debris disks	D. MOUILLET
12:15	CONCLUSIONS OF THE CONFERENCE	
12:30	LUNCH	
19:00	CONFERENCE DINNER	

Thursday, September 11th

Session 3: WORKSHOP

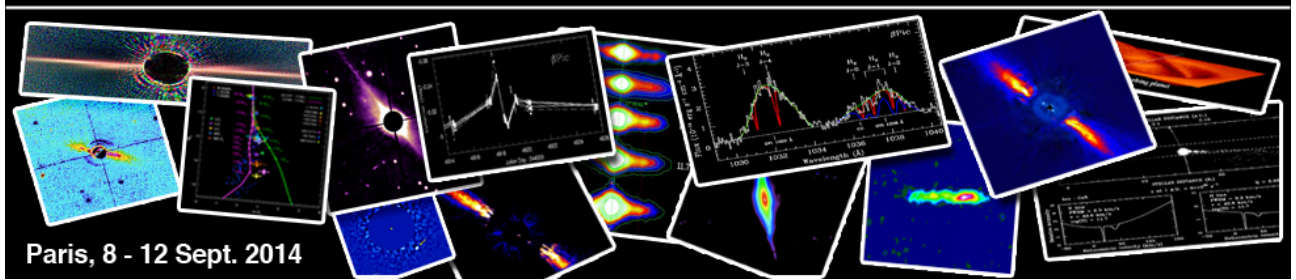
9:30	<i>Summary of the conference</i> <i>Main open questions concerning the beta Pictoris system</i>	
10:45	BREAK	
11:15	<i>Main open questions concerning the beta Pictoris system</i>	
12:30	LUNCH	
14:00	<i>Main open questions in parallel sessions</i>	
15:45	BREAK	
16:30	<i>Elaboration of a roadmap to achieve a global goal and consistent vision of the system</i>	

Friday, September 12th

Session 3: WORKSHOP

9:30	<i>Elaboration of a roadmap / Setup of collaborative works</i>	
10:45	BREAK	
11:15	<i>Setup of collaborative works</i>	
12:30	End of the workshop	

Thirty years of beta Pic and debris disk studies



Poster Session

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| 1 | <i>Is the HD15115 debris disk really asymmetrical</i> | J. MAZOYER |
| 2 | <i>Limits of detection in debris disks around young stars with NaCo/Sparse Aperture Masking observations</i> | L. GAUCHET |
| 3 | <i>Scale Height Evolution of Debris Disks</i> | S. SHOKO |
| 4 | <i>Simulating Observations of the beta-Pictoris System with the JWST/MIRI Instrument</i> | P.-O. LAGAGE |
| 5 | <i>New strategy for planets search in debris disks</i> | O. ZAKHOZHAY |
| 6 | <i>Very deep images of the disc around beta Pictoris at Lp</i> | J. MILLI |
| 7 | <i>Multi-wavelength study of the debris disk of Beta Pictoris</i> | M. KEPPLER |
| 8 | <i>Processing NaCo-AGPM data of Beta Pictoris using the Andromeda method: search for inner companions</i> | F. CANTALLOUBE |
| 9 | <i>The Offset Dust Ring of HR 4796A and Other Debris Disks as Revealed by NICI</i> | Z. WAHHAJ |
| 10 | <i>Seeing Double: Multiwavelength Studies of the Remarkable beta Pic Moving Group Member V4046 Sgr</i> | J. KASTNER |
| 11 | <i>The Effects of Collisions on the beta Pictoris Disk</i> | E. NESVOLD |