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Second announcement

Munichfest2025: celebrating 40 years of research on hot luminous stars

La Palma (Canary Islands, Spain) April 7-11, 2025

https://meetings.iac.es/munichfest2025/

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With the landmark of Jo Puls retiring from institutional duties, followed and preceded by many other colleagues who were active early-career researchers in the field of hot luminous star in Munich in the exciting early 1980s, we are pleased to announce the celebration of the conference:

Munichfest2025: celebrating 40 years of research on hot luminous stars

which will take place in La Palma (Canary Islands, Spain) during the week of April 7-11, 2025.

1. Motivation and scientific rationale

Our motivation for organizing this conference is manifold:

* Scientific Perspective: We aim to comprehensively review the progress made in the field over the past four decades, particularly focusing on topics investigated by those who pursued their PhD or postdoc in Munich during the early 1980s or had connections with them.

* Career Tribute: We wish to honour the contributions of all those individuals who laid the groundwork for the advancements we are currently making in the field of quantitative spectroscopy of massive stars. Indeed, the Munich School has been one of the fundamental pillars to the development of radiation-driven wind theory as we know it.

* Personal Connection: Beyond the scientific aspect, we aspire to create a welcoming environment where our colleagues, along with their scientific families and friends, can come together to share memories and experiences.

* New frontiers in massive star research: We will also reserve ample time for discussion of the new challenges we have in front of us, motivated by

  (1) the discovery of new exciting observing phenomena associated with the single and binary evolution of massive stars across cosmic time;

  (2) the need to develop efficient strategies to extract information from the vast amount of new spectra of massive OB-type stars delivered by on-going large-scale surveys,

  (3) the increasing availability of computers powerful enough to perform 3D-model computations in reasonable time-scales.

2. Scientific topics and conference organization

There will be 8 topical sessions (TS), with 1 or 2 keynote/invited talks. Keynote/invited speakers have been kindly requested to use part of the allocated time to provide a historical overview on the topic.

TS-1. Radiation driven winds
TS-2. Stellar atmosphere/wind modeling
TS-3. Quantitative spectroscopy (I): OB-type stars
TS-4. Quantitative spectroscopy (II): WRs, LBVs, CSPN
TS-5. Massive star evolution
TS-6. Atmospheres and winds in binaries
TS-7. Additional views of massive stars: asteroseismology / variability / X-rays / magnetic fields / interferometry
TS-8. Hot massive stars as tools for Galactic and extragalactic stellar astronomy

In addition, there will be occasion to discuss recent developments and future prospects in topics related to the topical sessions, in 4 round table (RT) sessions.

RT-1: Atmosphere+wind models (1D/3D, temporal dependence, non-spherical geometries, clumping)
RT-2: Spectroscopic analyses (large surveys, automatized analyses, machine learning, atomic data)
RT-3: Evolution (singles, binaries, triples, formation)
RT-4: Future prospects (low Z, gravitational wave events, transients, unresolved populations, JWST, ELT)

The scientific program will be completed with contributed talks (20 min). Participants may also contribute with posters and/or brief pre-recorded talks of up to two minutes that will posted in the conference webpage.

3. Keynote and invited speakers

Joachim Puls	(K) Radiation driven winds
Stan Owocki	(I) Steady vs. eruptive wind mass loss from massive stars
Wolf-Rainer Hamann	(K) Stellar atmopshere/wind modeling
Artemio Herrero	(K) Quantitative spectroscopy of OB-type stars
John Hillier	(I) Quantitative spectroscopy of WRs, LBVs, SNe, and CSPNe
Sylvia Ekström	(I) Single star evolution
Norbert Langer	(I) Binary evolution of massive stars
Gloria Koenigsberger	(K) Atmospheres and winds in binaries
Conny Aerts	(I) The asteroseismic view of massive stars
Lida Oskinova	(I) The X-ray view of massive stars
Rolf Kudritzki	(K) Extragalactic stellar astronomy
Francisco Najarro	(I) Infrared studies of massive stars in the Milky Way
Claus Leitherer	(I) Unresolved stellar populations

4. Important dates

10 Jun 2024 - First announcement and pre-registration opens
31 Jun 2024 - Pre-registration closes

1 Sep 2024 - Second announcement and official registration opens
15 Nov 2024 - Registration deadline
15 Nov 2024 - Deadline for submission of contributed talks and posters
15 Dec 2024 - Announcement of selected contributed talks
15 Jan 2025 - Fee payment deadline

6 Apr 2025 - Welcome cocktail
7 Apr 2025 - Munichfest2025 starts
11 Apr 2025 - Munichfest2025 ends
12 Apr 2025 - (optional) visit to the Observatorio del Roque de los Muchachos

5. Scientific Organizing Committee

Sergio Simón Díaz (co-chair)	IAC	Spain
Miriam García (co-chair)	CAB	Spain
Conny Aerts	KULeuven	Belgium
Paul Crowther	U. Sheffield	UK
Margaret Hanson	U. Cincinnati	USA
Zsolt Keszthelyi	NAO	Japan
Gloria Koenigsberger	UNAM	Mexico
Lida Oskinova	U. Postdam	Germany
Norbert Przybilla	U. Innsbruck	Austria
Martin Roth	IAP	Germany
Nicole St-Louis	U. Montreal	Canada

6. Local Organizing Committee

Gonzalo Holgado (chair)	IAC
Daniel Galán	IAC
Alba Casasbuenas	IAC/NOT
Cecilia Fariña	ING/IAC
Michael Abdul-Masih	IAC
Carlos Martínez Sebastián	IAC

7. Meeting Venue

The workshop will take place at the hotel La Palma & Teneguía Princess in Fuencaliente, La Palma, Canary Islands, Spain.

The hotel offers double rooms for "single use" and "double use" including accomodation with all-inclusive which means that breakfast, lunch, dinner with drinks are included :

- Accommodation all-inclusive (single occupancy): 94,00 Euro per night

- Accommodation all-inclusive (double occupancy): 76,00 Euro per person per night

The booking period at this price is from 7-11 April 2025 but in principle the participants can extend their stay before and/or after the workshop.

The hotel is on the coast, relatively far from the closest town, Fuencaliente, and therefore, far from the closest restaurants, shops, etc, but there is a shop and several restaurants within the hotel.

We will book the hotel room for all participants (see 11. Hotel reservation and payment below).

8. Registration and abstract submission (deadline: 15 Nov 2024)

To register as participant in the MUNICHFEST2025 and submit your abstract for contributed talk or poster, fill in the registration form:

https://meetings.iac.es/munichfest2025/pages/registration.php

you will be also asked about the social activities you would like to participate in, the planned dates for your stay at the conference hotel, whether you will be bringing an accompanying person with you and whether you are willing to share a room with another participant of the conference.

9. Maximum number of participants

The conference room allow us for a maximum number of 90 participants. Taking into account the large number of people who showed interest in participating in the MUNICHEFEST2025 (as illustrated by outcome of the pre-registration form which was activated between 10 and 31st of June 2024), we envisage that we might not be able to accept all registered participants.

Therefore, we kindly ask all registered participants to wait until 15 December 2024, when the awarded contributed talks will be communicated, to start organizing their trip and proceed with the payment of the registration fee.

10. Registration fee and payment method (deadline: 15 Jan 2025)

There will be a workshop fee of 250 Euro to cover the organization and logistics of the workshop. This fee includes:

* Full consideration as participant in the MUNICHFEST2025
* The welcome cocktail.
* Everyday coffee-break.
* The social meeting dinner.
* A guided trip to the Tajogaite volcano.
* A bus service for the arrival to the hotel from the airport of La Palma (SPC) on Sunday 6th April.

There will be an extra 30 Euro of registration fee for those who choose to join the (optional) trip to ORM on Saturday 12th April (see 12. Social activities).

The payments will be managed by the company Evento7 and can be done by bank transfer or via credit card. The company automatically generates a pro forma invoice. Because of organization constraints, we cannot offer refunds in the event of cancellation.

The participants should be registered in the workshop using the online-registration form (see above) and wait for the list of awarded contributed talks (announced by 15 December 2024) before pursuing the payment of the registration fee.

Once you have registered, you will be contacted directly by the company Evento7. They will provide you with some guidelines about the next steps to complete your registration fee payment as well as the hotel reservation.

11. Hotel reservation and payment

Once registered, and as soon as your participation is confirmed, (by 15 December 2024), the company Evento7 will directly contact you to proceed with the booking the hotel room on your behalf.

Hotel payment must be done at least 4 days before the reservation date through the hotel's payment platform. However, to ensure availability, we **recommend doing the payment as soon as possible.** The company Evento7 will guide you along the process in due time.

Childcare: During the event, the hotel could offer childcare services as well as the Mini club and mini disco for children ages 4 to 12. Please contact the hotel directly to arrange rates and check availability.

12. Social activities

* Welcome cocktail
  (included in registration fee)

On Sunday April 6th, 2025, we will be enjoying an evening Welcome cocktail at the hotel La Palma & Teneguía Princess

* Trip to the Tajogaite Volcano
(included in registration fee)

On Tuesday April 8th, 2025, we will visit the Tajogaite (Cumbre Vieja) volcano in El Paso, in the Western part of La Palma. The trip is expected to start after the afternoon session at 15:00 at the hotel entrance and finish at about 19:30 back to the hotel. The hiking journey takes approximately two and a half hours. This trip is included in the fee.

The attendance of accompanying persons will be subject to availability during the event.

* Conference dinner
(included in registration fee)

The conference dinner will be on Wednesday 9 April, 2025 at 20:00. The dinner will be held in the restaurant Jardín de la Sal in the "Salinas de Fuencaliente" at the Southernmost point of La Palma, including a brief visit and a cocktail during sunset. We will take the bus to go to the restaurant at 18:30 at the hotel entrance.

We assume all participants will join the social dinner, and is included in the fee. Please, indicate in the online-registration form your choice for the menu of the dinner.

The attendance of accompanying persons will be subject to availability during the event.

* Trip to Charco Azul / Tilos hiking path
(optional, not included in registration fee)

On Friday April 11th, 2025, there will the possibility to visit either the Charco Azul pool, or Los Tilos natural path in the north part of the La Palma. These trips are not included in the fee, and we kindly ask you to inform us as soon as possible to establish the feasibility of this trip.

Either trip will have a cost of 20 Euro that would be collected by Evento7. The trip is expected to start at 15:20 at the hotel entrance and finish at about 20:00 back to the hotel.

For participants that want to flight back from La Palma the same evening Friday July 11, there will be the possibility to carry the baggage in the bus and to stop at Santa Cruz in the way forward from the hotel to the north at about 16:15.

More instructions will be provided in due time.

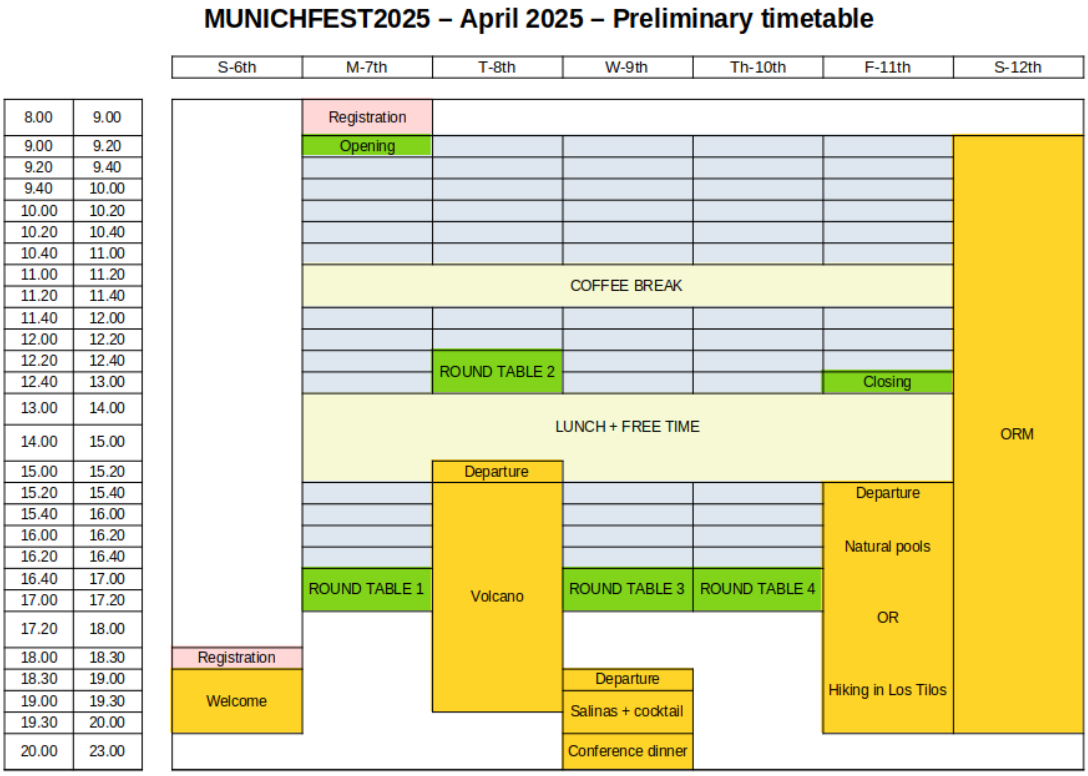
* Trip to the Observatorio del Roque de los Muchachos
(optional, included in the extended 280 Euro registration fee)

On Saturday 12 April, 2025, we will visit the Observatorio del Roque de los Muchachos . We will be able to visit the Gran Telescopio Canarias (GTC), William Herschel Telescope, and the relatively new Visitor's Centre for a cocktail-lunch. The trip is expected to start at 09:00 at the hotel entrance and finish at about 19:00 back to the hotel. Included in the fee of those who select to attend.

For participants that want to flight back from La Palma the same day Saturday 12 April, there will be the possibility to carry the baggage in the bus from the morning and to stop at Santa Cruz in the way forward and the way back to the hotel from the ORM at about 10:00 and 18:00.

More instructions will be provided in due time, and again the attendance of accompanying persons will be subject to availability during the event.

13. Preliminary agenda



14. Getting to La Palma and the conference hotel

* Arriving to La Palma

There is an international airport in La Palma (SPC), which connects very well the island of La Palma with Madrid in about 2.5 hours and Barcelona in about 3 hours. There is also the possibility to flight to any airport in Tenerife (TFN and TFS) or Gran Canaria (LPA) and took a short local flight with BINTER to La Palma.

* Chartered BUS ("Guagua") From La Palma Airport (SPC)

Two chartered buses will transport meeting attendees from the airport to the hotel on Sunday 6 April, 2025. Departure times and pick-up locations will be provided later, but initially, one bus could depart close to 14:30 and the other as late as possible to accommodate the maximum number of people. Accompanying persons are encouraged to use this transport as well.

* Local transport from La Palma Airport (SPC)

The hotel La Palma & Teneguía Princess can be reached by taxi from La Palma airport in about 40 min. The cost is about 50 Euros per trip. This is the easiest way to get to Fuencaliente. Alternatively, there are frequent "guaguas" (buses) from the airport to Fuencaliente (Line 200).