



# XIV EDITION OF FRIENDS OF FRIENDS MEETING



7 to 11 April 2025



**Mariana Orellana**

## Light curve modeling of unusual supernovae

Supernovae are some of the brightest events in the universe. We are interested into the kind that are the explosions of very massive stars. At the current rate of discovery and good quality follow-up, the community has established sets of characteristic light curves of the main supernova types. As one might expect, outliers from the general populations emerge. The study of that peculiar cases thus becomes relevant, they call for unorthodox proposals outside the comfort zone of the parameter spaces. One recent case is given by the bolometric evolution of the supernova SN2022jli as published by Chen et al. (2024). We aim to understand the sources that could be responsible for modifying the light curve to have a double peaked shape with prolonged timescales and a fast drastic brightness drop at around 270 d. In this talk I'll summarize the modeling steps we have performed for this supernova, and place it in context with some previous studies done by our group.

[TALK – PDF](#)

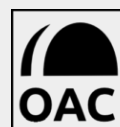
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## FOF 2025 - SECOND ANNOUNCEMENT

We are close to the 14th edition of the Friends of Friends Annual Meeting (<https://fof.oac.uncor.edu/2025/>) that will be held in Córdoba (Argentina) from April 7th to April 11th, 2025, at the Observatorio Astronómico de la Universidad Nacional de Córdoba. In this opportunity, we contact you with valuable information regarding the meeting.

### PRACTICAL INFORMATION

The official language for the conference will be English. For information on travel, accommodation, and local attractions, please refer to <https://fof.oac.uncor.edu/2025/venue/> to facilitate your arrival and enhance your experience.

### ORAL CONTRIBUTIONS

Oral presentations will be held in the “Mirta Mosconi” Auditorium of the Observatorio Astronómico. The time allocation for **invited talks is 30 minutes plus 10 minutes for questions and discussion. For contributed talks the time is 15 minutes plus 5 minutes for questions.** To avoid any problem related to the internet connection, we suggest that the speakers prepare backup presentations that do not depend on the internet. The presentations will be displayed from a laptop/computer provided by the organization. We strongly encourage all the speakers to submit their presentations to the LOC in either PDF or Google Slides format a day in advance of the talk. If presenters require the use of their own equipment, they must inform the LOC in advance, so that we can assist with the transition between presentations. The presentations can be tested during the break before the corresponding session.

### POSTER CONTRIBUTIONS

Poster contributions **should not exceed 80 cm wide x 120 cm long**. The appropriate adhesive tape will be provided. We strongly recommend including a QR code linking to a pdf version of the poster.

### PROGRAM

You can see the program below. Also you can find it uploaded to the meeting's webpage (<https://fof.oac.uncor.edu/2025/2024/06/10/program/>).

### CONTACT

If you have any questions, please don't hesitate to reach out to the Organizing Committee at: [fof@observatorio.unc.edu.ar](mailto:fof@observatorio.unc.edu.ar).

Extragalactic Astronomy	Cosmology	Stellar Astronomy	Interstellar Medium	Planetary Systems Solar Physics
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	Monday	Tuesday	Wednesday	Thursday	Friday
8:30 - 9:00	REGISTRATION AND APERTURE				
9:00 - 9:20		Jailson Alcaniz	Jhon Yana Galarza	Sergio Parón	
9:20 - 9:40	Omar López-Cruz				
9:40 - 10:00		Juana Rapoport	Emiliano Jofré	Rafael Pignata	Alice Zurlo
10:00 - 10:20	Federico Stasyszyn	Santiago Collazo	Romina Petrucci	Denise R. Gonçalves	Carolina Villarreal D'Angelo
10:20 - 10:40	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	Emmanuel Gianuzzi
10:40 - 11:00					COFFEE BREAK
11:00 - 11:20	María Celeste Artale	Tomás Verdugo	Javier Minniti	Luis A. Gutiérrez Soto	
11:20 - 11:40	Facundo Rodriguez	Martín Makler	Martina Tapia-Reina		Mario Sucerquia
12:00 - 12:20	Dante Paz	Karen Nowogrodzki	Tali Palma	Rodrigo Cabral Fontes	Matías Cerioni
12:20 - 12:40	Agustín Rodríguez-Medrano	Ana Esteban Gutiérrez	Mariana Orellana	Marcelo M. Miller Bertolami	Carolina Charalambous
12:40 - 13:00	LUNCH	LUNCH	LUNCH		LUNCH
13:00 - 14:30					
14:30 - 14:50	Valeria Cristiani	Claudia Scóccola	Carlos Saffe		Maria Valeria Sieyra
14:50 - 15:10	Bruno Celiz				Dion Donné
15:10 - 15:30	Nelson Padilla	María Belén Costanza	Gustavo Bruzual		COFFEE BREAK
15:30 - 15:50	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK + Poster Session	FREE AFTERNOON	
15:50 - 16:10					Mariana Cécere
16:10 - 16:30	Mariano Dominguez Romero	Hermano Velten			Maryam Saberi
16:30 - 16:50	Rodrigo Rodriguez	Rodrigo de Sousa Gonçalves			Ernesto Zurbriggen
16:50 - 17:10					
17:10 - 17:30					
17:30 - 17:50					
			PUBLIC TALK	SOCIAL DINNER	

## SCIENTIFIC and LOCAL ORGANIZING COMMITTEE for the 14th edition of the FoF meeting:

Beauge, Cristian (OAC - IATE)  
Bertazzi, Viviana (IATE)  
Bornancini, Carlos (IATE)  
Bustillos Rava, Federico (IATE)  
Gualpa, Sebastián (IATE)

Mari, Belén (OAC)  
Martinez, Cintia (OAC)  
Ortiz, Cecilia (OAC)  
Toscano, Facundo (IATE)  
Vega, Luis (OAC - IATE)  
Zoppetti, Federico (OAC - IATE)