



Program

All the info

Our program

ERAD 2024 (12th European Conference on Radar in Meteorology and Hydrology) programme																														
Start	End	DAY 1 - Monday 9 september 2024					DAY 2 - Tuesday 10 september 2024					DAY 3 - Wednesday 11 september 2024					DAY 4 - Thursday 12 september 2024			DAY 5 - Friday 13 september 2024										
08:45	09:00	Opening ceremony Aula Magna					Keynote 3					Gusta source					Keynote 4					Keynote 4								
09:00	09:15																													
09:20	09:35																													
09:35	09:50	Keynote 1					Radar and society					Operational aspects					Space borne clouds and precipitation radar					Radar and society			Weather radar and climate			Clouds and precipitation physics Multi-frequency (MP)		
09:50	10:05	Radar hydrometeorological applications Nowcasting (NWC)					Session 1 (AMG)		1		2		Session 2 (JAA)		1		2		Session 3 (AMG)		1		2		Session 4 (JAA)		1		2	
10:05	10:20						3		4		3		4		3		4		3		4		3		4		3		4	
10:20	10:35						5		6		5		6		5		6		5		6		5		6		5		6	
10:35	10:50						7		8		7		8		7		8		7		8		7		8		7		8	
10:50	11:05	Break (CIAO)					Break (CIAO)					Break (CIAO)					Break (CIAO)					Break (CIAO)								
11:05	11:20	Keynote 2					Poster view (Poster session 1) Operational aspects Weather radar technologies					Poster view (Poster session 2) Clouds and precipitation physics Space borne clouds and precipitation radar Radar and society					Poster view (Poster session 3) Radar hydrometeorological applications Weather radar and climate					Break (CIAO)								
11:20	11:35																													
11:35	11:50																													
11:50	12:05																													
12:05	12:20	Session 2 (AMG)		1		2		3		4		5		6		7		8		9		10		11		12				
12:20	12:35	3		4		5		6		7		8		9		10		11		12		13		14		15				
12:35	12:50	6		7		8		9		10		11		12		13		14		15		16		17		18				
12:50	13:05	5		6		7		8		9		10		11		12		13		14		15		16		17				
Closing ceremony																														
13:05	14:15	Lunch (CIAO)					Lunch (CIAO)					Lunch (CIAO)					Lunch (CIAO)													
14:15	14:30	Radar hydrometeorological applications Nowcasting (NWC)					Session 3 (AMG)		1		2		3		4		5		6		7		8		9		10			
14:30	14:45						3		4		5		6		7		8		9		10		11		12		13		14	
14:45	15:00						6		7		8		9		10		11		12		13		14		15		16		17	
15:00	15:15						5		6		7		8		9		10		11		12		13		14		15		16	
15:15	15:30	Clouds and precipitation physics Polarimetry (POL)					Session 4 (JAA)		1		2		3		4		5		6		7		8		9		10			
15:30	15:45						3		4		5		6		7		8		9		10		11		12		13		14	
15:45	16:00						6		7		8		9		10		11		12		13		14		15		16		17	
16:00	16:15						5		6		7		8		9		10		11		12		13		14		15		16	
16:15	16:30	Break					Break					Break					Break					Break								
16:30	16:45	Radar hydrometeorological applications Extremes (EXT)					Session 5 (AMG)		1		2		3		4		5		6		7		8		9		10			
16:45	17:00						3		4		5		6		7		8		9		10		11		12		13		14	
17:00	17:15						6		7		8		9		10		11		12		13		14		15		16		17	
17:15	17:30						5		6		7		8		9		10		11		12		13		14		15		16	
17:30	17:45	Clouds and precipitation physics Doppler (DOP)					Session 6 (JAA)		1		2		3		4		5		6		7		8		9		10			
17:45	18:00						3		4		5		6		7		8		9		10		11		12		13		14	
18:00	18:15						6		7		8		9		10		11		12		13		14		15		16		17	
18:15	18:30						5		6		7		8		9		10		11		12		13		14		15		16	
18:30	18:45	Icebreaker					Clouds and precipitation physics Microphysics (MP)					Operational aspects					Radar hydrometeorological applications Quantitative Precipitation Estimation (QPE)					Space borne clouds and precipitation radar								
18:45	19:00																													
Social program (outside Sapienza campus)																														
19:30 Bus to Social Dinner (outside Sapienza campus)																														
20:00-23:00 Social Dinner (outside Sapienza campus)																														



To download the program click [here](#).

The conference sessions will cover the following topics:

**Clouds and precipitation physics** (Radar polarimetry, multisensory/multiplatform campaigns, particle size distribution, snow characterization, hail estimation and extreme event characterization)

**Operational aspects** (Operational weather radar systems, networking, end-user applications and pilot projects, data quality and calibration)

**Weather radar and climate** (Long term radar datasets, their preservation and analysis)

**Weather Radar technologies** (Electronic steering antennas, exploring new frequency bands, transmitter technologies, signal processing, software suites)

**Radar hydrometeorological applications** (Quantitative precipitation estimation, nowcasting, data assimilation in weather forecasts, predictability of extreme weather.)

**Radar and society** (Weather radar in supporting emergency management and in climate adaptation strategies. Training initiatives)

**Space borne clouds and precipitation radar** (Ongoing and new missions using radar for cloud and precipitation measurements, preparation campaigns and cal/val activities)

## Oral list

Following there is the list of the oral presentations in the different days. Click on the day to see the list (updated 5 august 2024):

- [Monday 09 September 2024 \(DAY 1\)](#)
- [Tuesday 10 September 2024 \(DAY2\)](#)
- [Wednesday 11 September 2024 \(DAY 3\)](#)
- [Thursday 12 September 2024 \(DAY 4\)](#)
- [Friday 13 September 2024 \(DAY 5\)](#)

The full list of the Oral presentations is available [here](#). Note that the latest update reports the Abstract ID of each presentation.

## Poster list

Following there is the list of the Poster presentations in the different days. Click on the day to see the list (updated 5 august 2024):

- [Tuesday 10 September 2024 \(DAY2\)](#)
- [Wednesday 11 September 2024 \(DAY 3\)](#)

– [Thursday 12 September 2024 \(DAY 4\)](#)

The full list of the Poster presentations is available [here](#). Please note that the latest update reports the Abstract ID of each poster.

# Training Courses

## CALL FOR TRAINING COURSES

Call for training courses closed on 20 March 2024.

## PARTECIPATION TO TRAINING COURSES

Training courses will be held on Sunday 8 September 2024. Lecturers will be on site; however, the majority of the courses will be in hybrid mode (on-line and in presence). Keep it in mind when proceeding with registration options.

The fee for training courses is set to 100 € for early registration (before 14 June 2024) and 130 € for late registration (before 20 July 2024).

Participants have the possibility to pay for a training course during the registration process for ERAD2024 using the procedure accessible from the [registration page](#).

Four training courses will be offered during ERAD2024; click on the course title for all the specific information on the course:

- [Advanced Waveform Design and Optimization Techniques; An application to pulse compression in weather radar system](#)
- [Under the Hood – How Signal Processing in the WSR-88D Provides the Best Quality Data](#)
- [Open Radar – Open Source Software Tools for Radar Data Processing](#) (click [here](#) for course announcement)
- [Modern Dual-polarization Radar Networks: Design Considerations and Enhanced Applications](#)

# Social events

Social events are planned to take place on Wednesday 11 September 2023.

Details will be released soon.



Rome, 9-13 September 2024

(ERAD logo has been reused and adapted with permission of MeteoSwiss)

Get in Touch

 [info@erad2024.it](mailto:info@erad2024.it)

Address

Via Aldo Moro 5,

Università La Sapienza,00185, Rome, Italy

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