



# Benvenuti a Matera! Welcome to Matera!

*7<sup>th</sup> GRUAN Implementation-  
Coordination Meeting (ICM-7)  
MATERA, 23-27 February 2015*

# Matera

Matera is a city and a province in the region of Basilicata, in southern Italy. It is the capital of the province of Matera and the capital of Basilicata from 1663 to 1806. The town lies in a small canyon, which has been eroded in the course of years by a small stream, the Gravina.

Known as "la Città Sotterranea" (the Subterranean City), Matera is one of the oldest inhabited cities in the world[2] and is well known for its historical center called "Sassi", considered World Heritage Site by UNESCO since 1993, along with the Park of the Rupestrine Churches.

Matera is the European Capital of Culture for the year 2019.





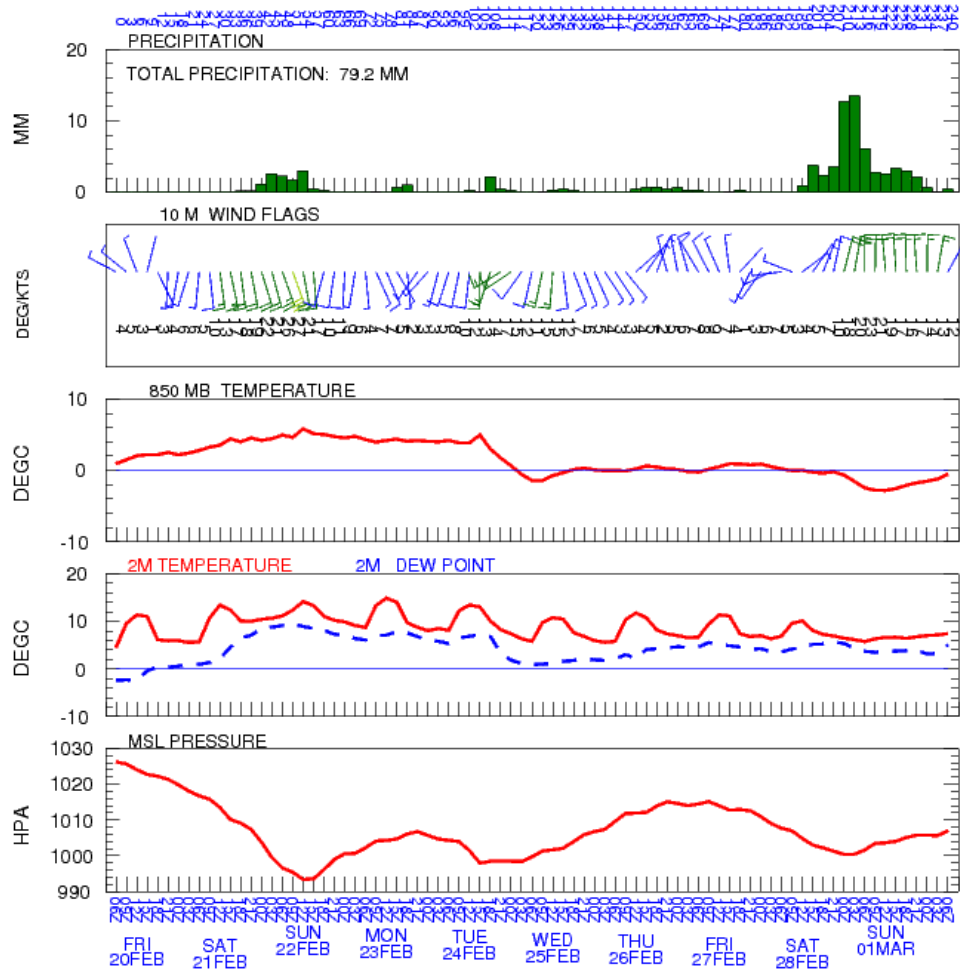
# Weather

## Matera

### GFS METEOROGRAM Latitude: 40.67 Longitude: 16.60

DATA INITIAL TIME: 20 FEB 2015 06Z  
NOAA AIR RESOURCES LABORATORY  
READY Web Server

CALCULATION STARTED AT: 20 FEB 2015 06Z  
CALCULATION ENDED AT: 02 MAR 2015 06Z



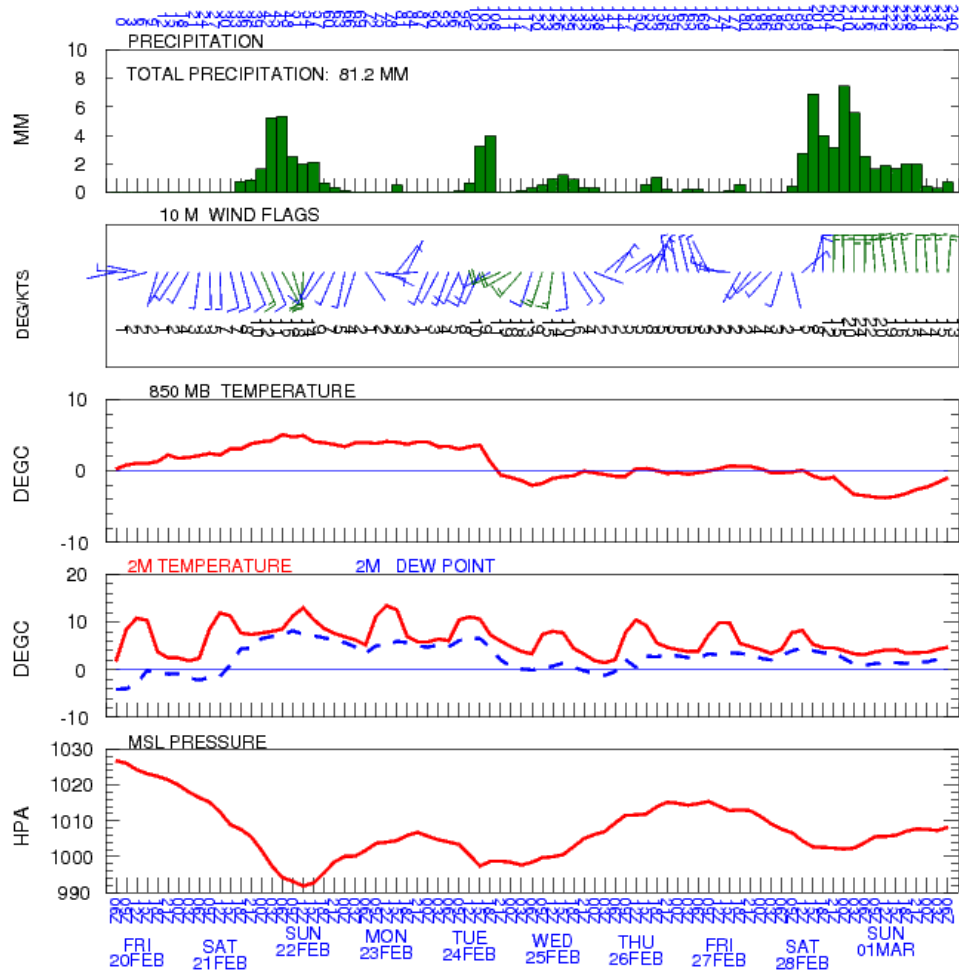
NOAA (ARL)

# Weather

## Potenza

GFS METEOROGRAM  
Latitude: 40.60 Longitude: 15.73

DATA INITIAL TIME: 20 FEB 2015 06Z      CALCULATION STARTED AT: 20 FEB 2015 06Z  
NOAA AIR RESOURCES LABORATORY      CALCULATION ENDED AT: 02 MAR 2015 06Z  
READY Web Server



NOAA (ARL)

# Wifi

Within this room:

SSID: Mediateca

Password: **metemete7**

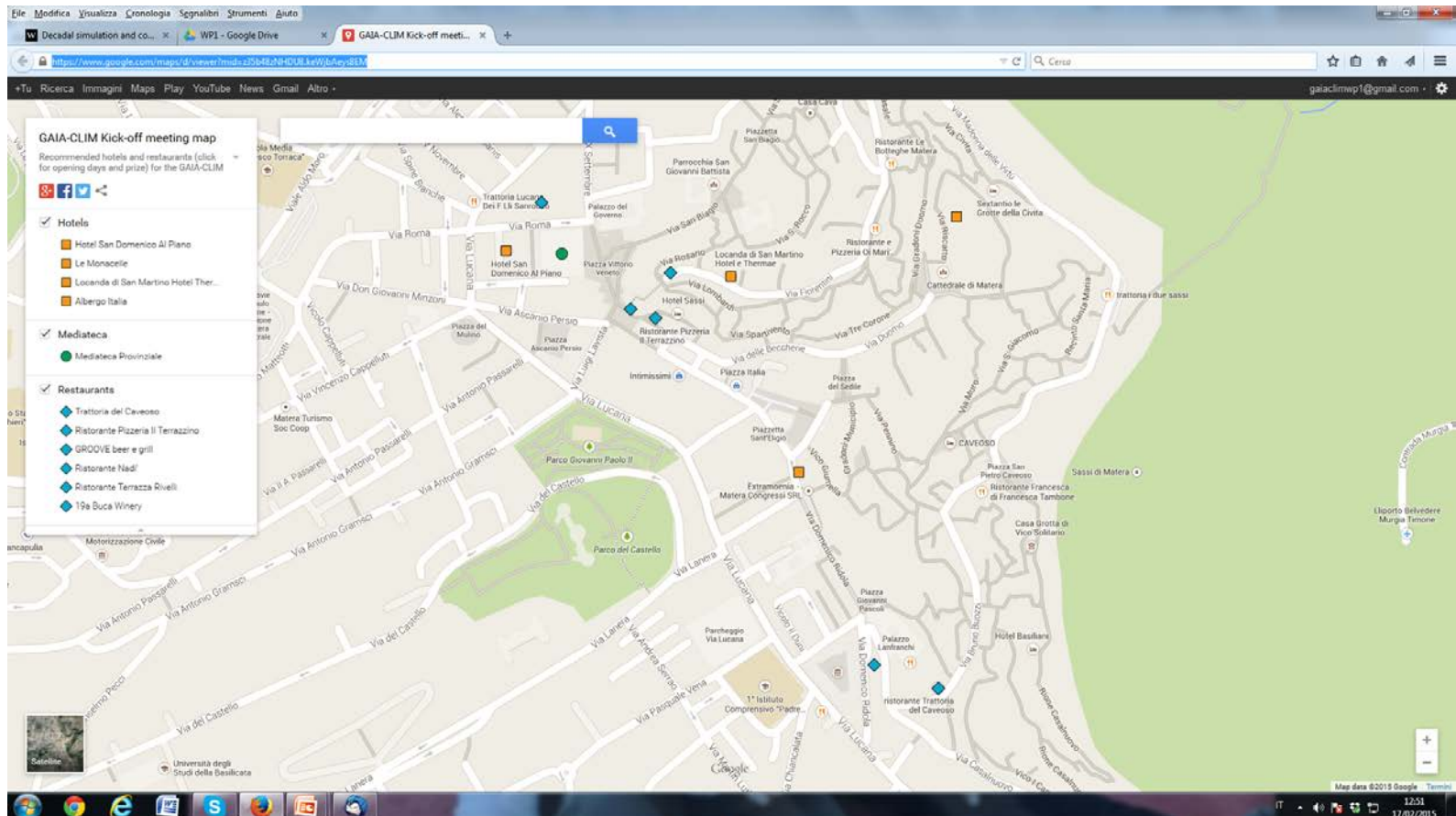
In other place within this building you can get a ticket at the entrance desk.

# Meals

- Coffee breaks and lunches will be served in the same building as the meeting room, and offered by CNR
- A dinner will be arranged in the restaurant “Francesca” within the Matera “Sassi”. Tour is free.
- The dinner will be at your own expense, cost 50 Euros, the menu will be sent to all of you before today.

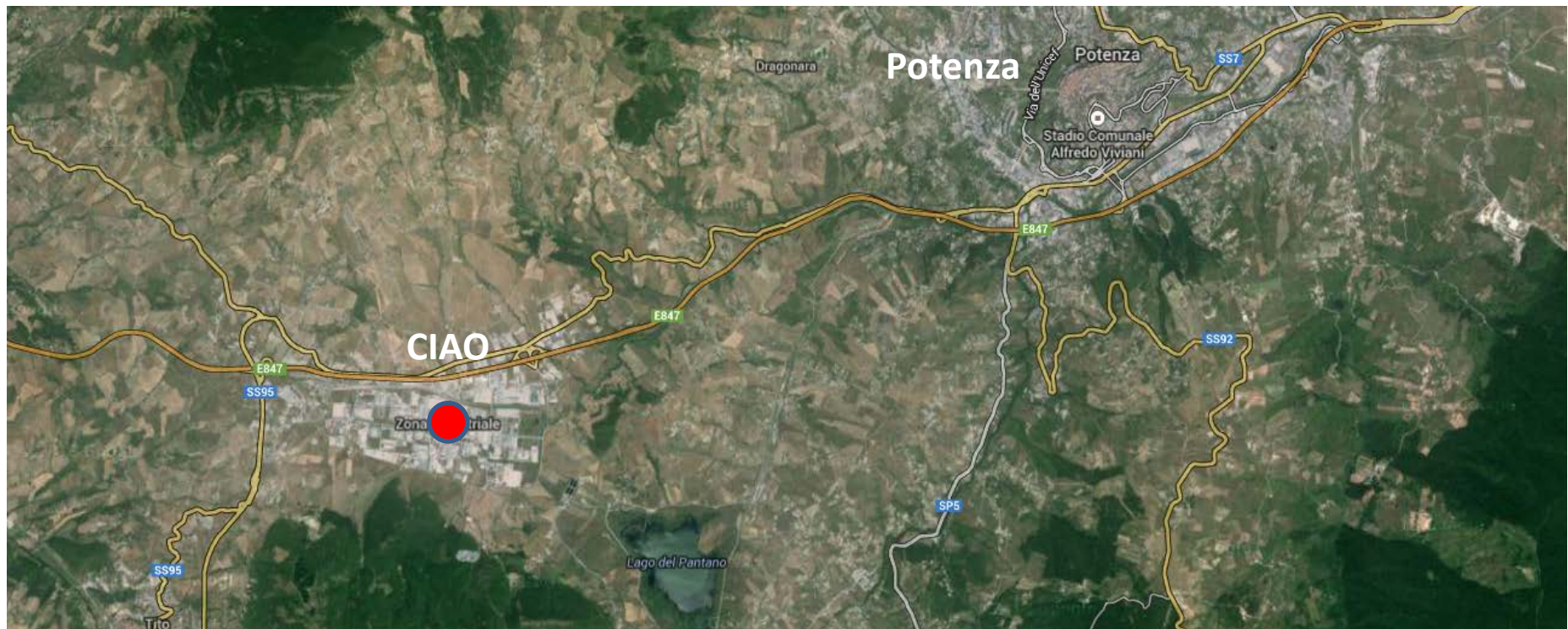
# Restaurants

A map done by my colleagues is available here (with open hours and costs:  
<https://www.google.com/maps/d/viewer?mid=z35b48zNHDU8.keWjbAeys8EM>



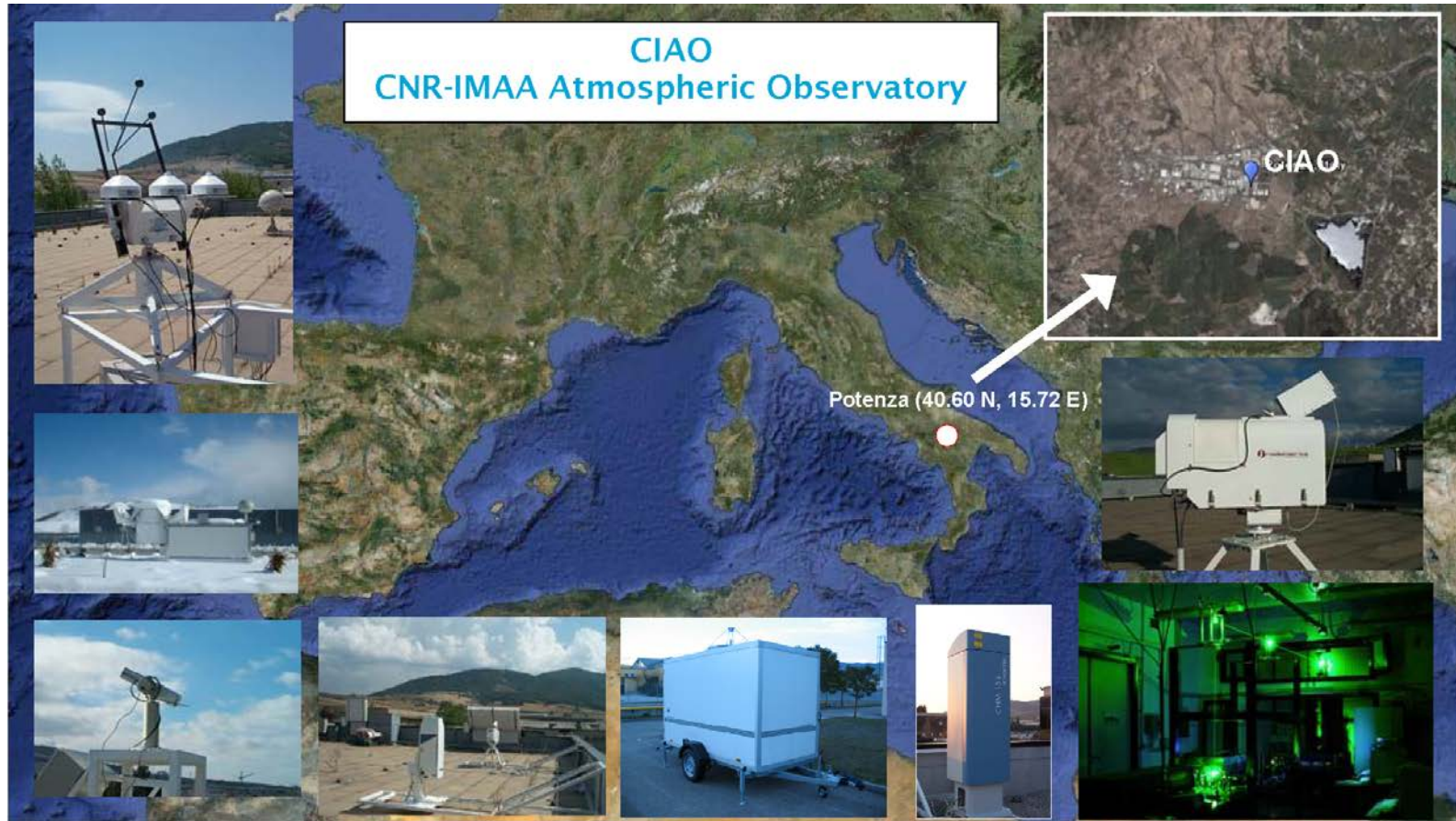
# Site visit: Tito Scalo (Potenza)

CNR-IMAA Atmospheric Observatory (CIAO) is at about 1 hour by bus from Matera.





# Site visit: Tito Scalo (Potenza)



...Visit will be followed by a tour of Matera sassi and by a dinner including litres of Aglianico (red wine)!

# Site visit: agenda

Thursday 26<sup>th</sup> February – 7<sup>th</sup> GRUAN Implementation-Coordination Meeting (ICM-7) – DAY FOUR

	Site visit day
09:00	Bus departs from Matera
10:15	Welcome by Director of the CNR-IMAA, prof. V. Lapenna
10:30 - 10:50	CIAO: the CNR-IMAA Atmospheric Observatory and its role in the European and global scenarios - <i>Gelsomina Pappalardo (chair of the session)</i>
10:50 - 11:10	The single calculus chain of EARLINET for the automatic processing of aerosol lidar data: an overview - <i>Giuseppe D'Amico</i>
11:10 - 11:30	CIAO activities for satellite validation and model evaluation using ground based measurements - <i>Lucia Mona</i>
11:30 - 11:50	Retrieval of water vapor and clouds properties from satellite platforms - <i>Filomena Romano/ Nico Cimini</i>
11:50 - 12:10	Synoptic soundings in Italy and migration to RS41 radiosonde - <i>Maria Rita Leccese, Euroelettronicaicas</i>
12:10 - 12:50	Discussion on the ACTRIS/GRUAN synergy
12:50 - 13:30	<i>Lunch and posters viewing</i>
13:30 - 15:00	Potenza site tour in two groups (including a “live” manual sounding simultaneously to another launch with the autosonde)
15:00 - 15:15	<i>Coffee break</i>

# Back to Matera ...

- Leave from Potenza about at 15:30
- Matera Sassi tour
- Start at 17:00 from “Mediateca”.  
Duration about 1.5 hours
- Dinner at 20:00.  
Meeting at 19:30 at “Mediateca”.

# Shuttles to the airport

- Departure at the established time
- Payment with receipt delivered on-board
- Public bus from P.zza Aldo Moro (see the map in your folder)



# Any information ....

- Ask myself or Nico Cimini
- Ask the other colleagues
- Ask also to the Mediateca staff
- Do not forget to sign yourself for the site visit, the tour and the dinner, possibly by tomorrow.
- For those of you staying during the weekend useful links for tourism, activities can be arranged with travel agencies on demand.

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CNR IMAA Atmospheric Observatory  
**CIAO**

 National Research Council of Italy

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## HOME

### CIAO: the CNR-IMAA atmospheric observatory

The [CNR-IMAA](#) Atmospheric Observatory (CIAO) is located in Tito Scalo, 6 km far from Potenza, Southern Italy, on the Apennine mountains (40.60N, 15.72E, 760 m a.s.l.) and less than 150 km from the West, South and East coasts. The site is in a plain surrounded by low mountains (<1100 m a.s.l.). The observatory operates in a typical mountain weather strongly influenced by Mediterranean atmospheric circulation, resulting in generally dry, hot summers and cold winters. In this location phenomena like orographically-induced effects on cloud formation can be studied. The site is representative of the Mediterranean area and is affected by a large number of Saharan dust intrusions each year.

CIAO represents a well-established ground-based remote-sensing observatory for the study of weather and climate. The observatory consists of a combination of advanced systems able to provide high quality long-term observations of aerosol and cloud properties. Since 2000, systematic observations of aerosol, water vapour and clouds have been collected and the acquisition of new active and passive microwave profilers has strengthened the equipment required for performing accurate

## NEWS

**Applications for 4 Experienced Researcher (ER, 2-year) positions in ITARS. (Deadline: 28 February 2013)**

**XXVI International Laser Radar Conference (ILRC26)**

**9th International Symposium on Tropospheric Profiling (ISTP)**

**ACTRIS call for TNA proposals is now open!**