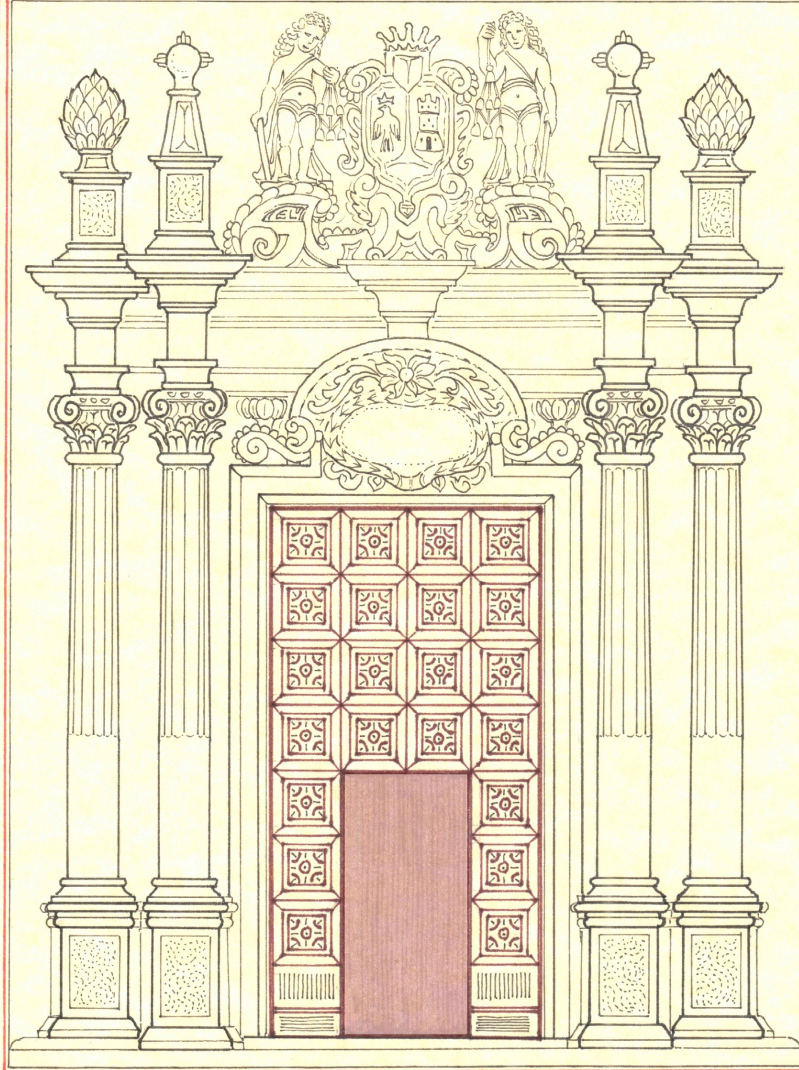


NEUTRINO OSCILLATION WORKSHOP



STANDARD
THREE-
NEUTRINO
OSCILLATIONS

BEYOND
STANDARD
NEUTRINO
FRAMEWORK

NOW MCMXXIV
II-VIII · SEPTEMBER
HYDRUNTUM
LECCE - ITALY

NEUTRINO
MASSES
STATES AND
INTERACTIONS

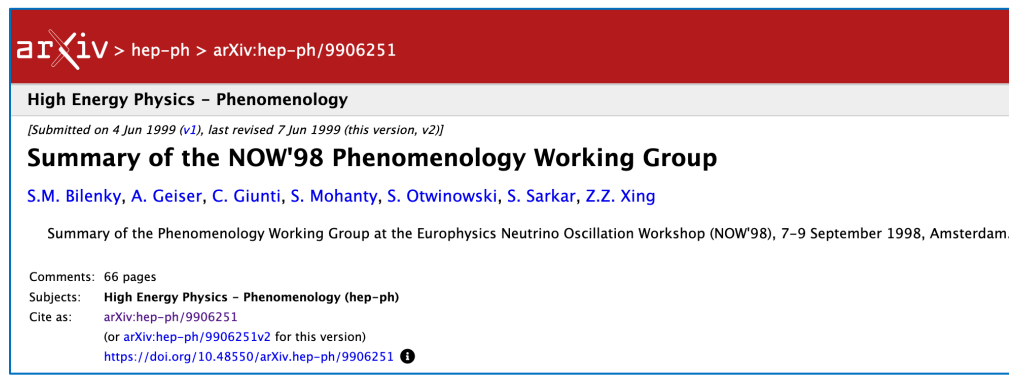
PARTICLE
PHYSICS
FROM SKY
AND COSMOS

Welcome to
Otranto !
Welcome to
NOW 2024 !

Paolo Bernardini
on behalf of the LOC

Few words about the history of NOW ...

After the discovery of neutrino oscillation (Takayama Conference, June 1998) the first Neutrino Oscillation Workshop was organized in Amsterdam (September 1998)



Gianluigi Fogli suggested to go on with the NOW series as a meeting of experimental and theoretical physicists

Since 2000 all the NOW conferences were in Apulia, organized by Bari and Lecce INFN sections, and Bari and Salento Universities



Proceedings

- NOW 2000-2014 published on Nucl. Physics B (Proc. Suppl.)
- NOW 2016-2022 published on Proc. of Science (pos.sissa.it)

This is the **12th NOW conference**
Proceedings to be published on Proceedings of Science



Nikhef, Amsterdam - NOW 1998



Conca Specchiulla, Otranto - NOW 2000, 2004, 2006, 2008, 2010, 2012, 2014



Otranto - NOW 2016, 2024



Rosa Marina, Ostuni - NOW 2018, 2022

Salento peninsula



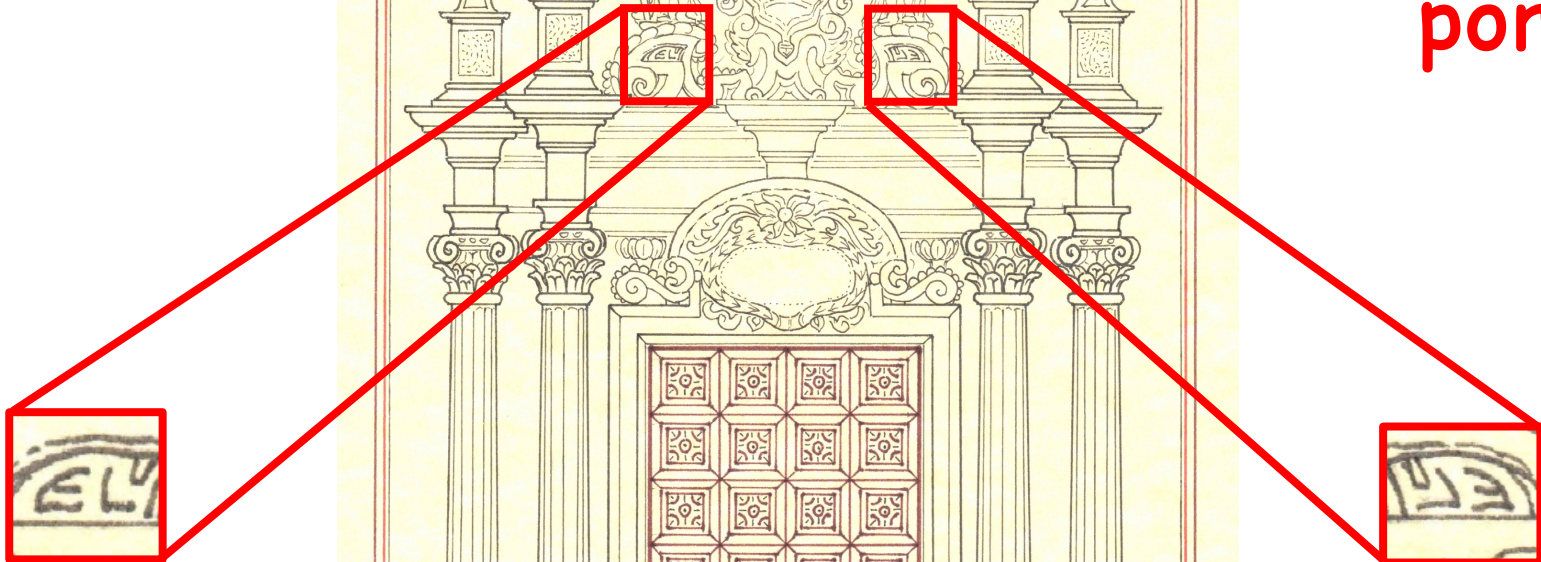
Rosa Marina

Conca Specchiulla

Otranto Basiliani SPA Hotel

NEUTRINO OSCILATION WORKSHOP

NOW 2024
The neutrino
portal



STANDARD
THREE-
NEUTRINO
OSCILATIONS

BEYOND
STANDARD
NEUTRINO
FRAMEWORK

NOW MCMXXIV
II-VIII · SEP · TER
HYDRUNTUM
LECCE - ITALY

NEUTRINO
MASSES
STATES AND
INTERACTIONS

PARTICLE
PHYSICS
FROM · SKY
AND · COSMOS

The inscriptions on the neutrino portal

➤ Standard three-neutrino oscillations

Christoph Ternes
Jeanne Wilson

STANDARD
THREE-
NEUTRINO
OSCILLATIONS

BEYOND
STANDARD
NEUTRINO
FRAMEWORK

➤ Beyond the standard framework

Lea Di Noto
Shun Zhou

NEUTRINO
MASSES
STATES AND
INTERACTIONS

➤ Masses, states and interactions

Luca Pattavina
Noemi Rocco

PARTICLE
PHYSICS
FROM SKY
AND COSMOS

➤ Particle physics from sky and cosmos

Carmelita Carbone
Antonio Marinelli

Workshop organization (I)

8:45/9:00 - 12.00 in **Plenary Room**
1 plenary session for each inscription/topic
and an extra session

➤ **Standard three-neutrino oscillations**

Tuesday 3

Chair: Oliviero Cremonesi

STANDARD
THREE-
NEUTRINO
OSCILLATIONS

➤ **Beyond the standard framework**

Wednesday 4

Chair: Roberto Tenchini

BEYOND
STANDARD
NEUTRINO
FRAMEWORK

➤ **Crossing the portal (extra session)**

Thursday 5

Chair: Gianluigi Fogli

➤ **Masses, states and interactions**

Friday 6

Chair: Cristina Volpe

NEUTRINO
MASSES
STATES AND
INTERACTIONS

➤ **Particle physics from sky and cosmos**

Saturday 7

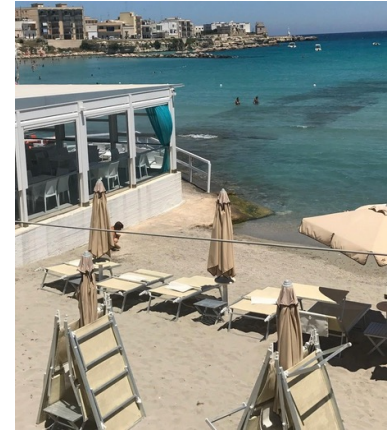
Chair: Francesco Villante

PARTICLE
PHYSICS
FROM SKY
AND COSMOS

Workshop organization (II)

12:00 - 16:00

Daily break for lunch and/or beach



16:00 - 19:10 in **Plenary Room** and **Parallel Room**

2 parallel sessions for each inscription/topic

STANDARD
THREE-
NEUTRINO
OSCILLATIONS

BEYOND
STANDARD
NEUTRINO
FRAMEWORK

NEUTRINO
MASSES
STATES AND
INTERACTIONS

PARTICLE
PHYSICS
FROM SKY
AND COSMOS

Saturday 7, 19:10

Concluding talk by Thomas Schwetz

<u>Meal times</u>	Breakfast	7:30 - 9:30
	Lunch	12:30 - 14:00
	Dinner	19:30 - 21:00

Hotel Solarium and Pool are free of charge

Warning: deep pool, not suitable for children

Other hotel services (SPA, drinks at the bar...) are at your own expenses

Beach (Lido Camillo)

You can reach Lido Camillo,
by foot (1.4 km)

Please, show the NOW badge
at the entrance

Beach facilities (umbrellas,
chairs, beds) are free

Otranto center

Around 1 km from the hotel



The network **CDSHotels-Basiliani** is available in the whole hotel area, without password



Additional networks in the conference rooms:

EDUROAM (if you have a valid certificate)

INFN-captive (vouchers available at the secretariat)



Thursday 5th - Free afternoon

3 options:

- 1) Lecce tour (departure 15:30 by bus, back before dinner)
- 2) Otranto tour (departure 15:45 by foot, back before dinner)
- 3) Individual activity (resort, beach, Otranto)

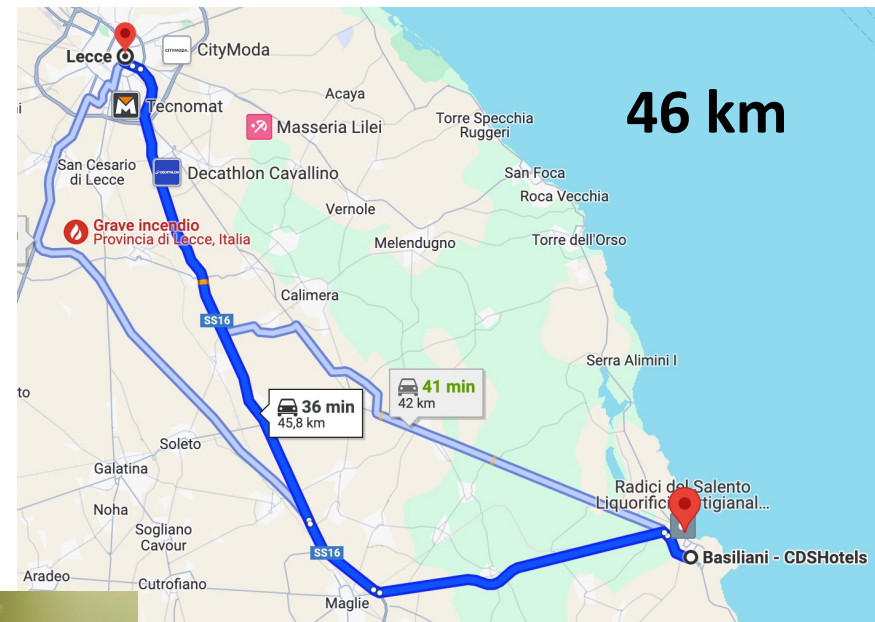
Limited number of participants for Lecce tour (63 seats in the bus)

**Please, make your choice as soon as possible
and write your name on the board at the secretariat**

Lecce tour

Lecce is called "South Florence" for the baroque architecture

The centre is full of churches, monuments and aristocratic houses



- ❖ Guided visit to the town
Duomo square, paper-mâché walk,
Sant'Oronzo square, Santa Croce
and Santa Irene (churches)
- ❖ Back to the resort before dinner

Otranto tour

- ❖ Guided visit to the town
- ❖ Many cultural attractions
Castle, cathedral,
walk on the bastions ...
- ❖ Back to the resort before dinner



Other events

Tuesday 3rd

Dinner with Apulian
cuisine (20:30)

Wednesday 4th

Pizzica (folk dance
typical of Salento)
with "Balla Balla"
2024 Group

Friday 6th

Social dinner (20:30)



Enjoy the workshop, Otranto,
the Basiliani SPA hotel and the sea !

