

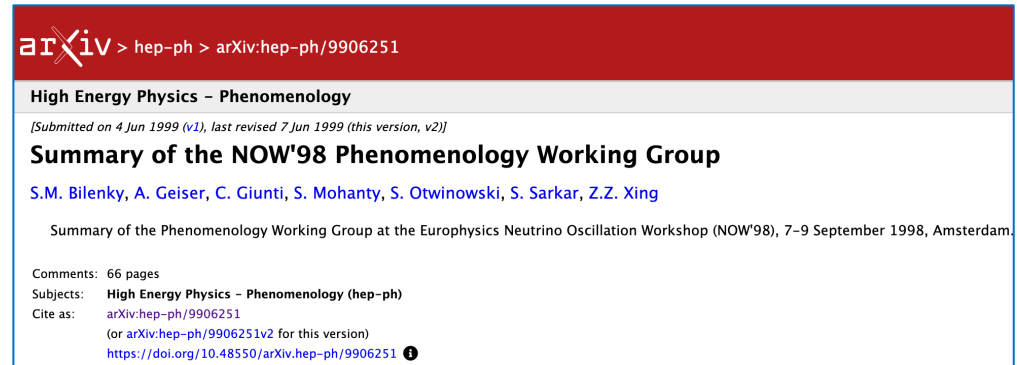
Welcome to  
Rosa Marina !

Welcome to  
NOW 2022 !

Paolo Bernardini  
on behalf of the LOC

## Few words about the history of NOW ....

After the claim of neutrino oscillation in 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 2016-2018 published on Proc. of Science (pos.sissa.it)

After the pandemic stop in 2020, this is the **11<sup>th</sup> NOW conference**  
Proceedings to be published on Proc. of Science





Nikhef, Amsterdam - NOW 1998



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



Otranto - NOW 2016



Rosa Marina, Ostuni - NOW 2018, 2022



# Salento peninsula







## 2004



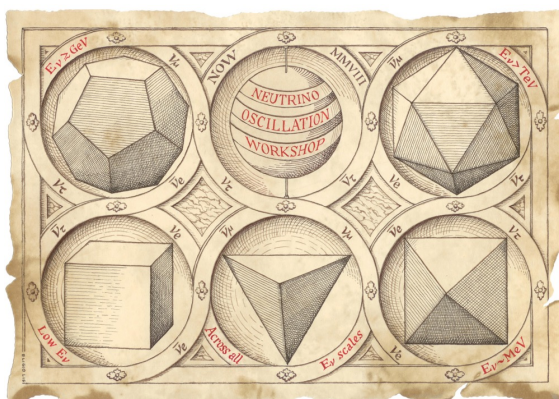
2010



# 2012



2006



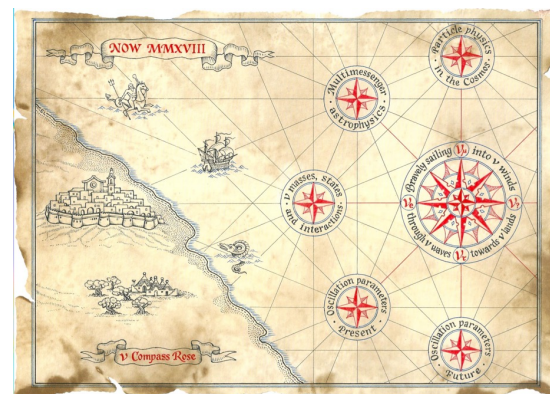
2008



# 2014



# 2016

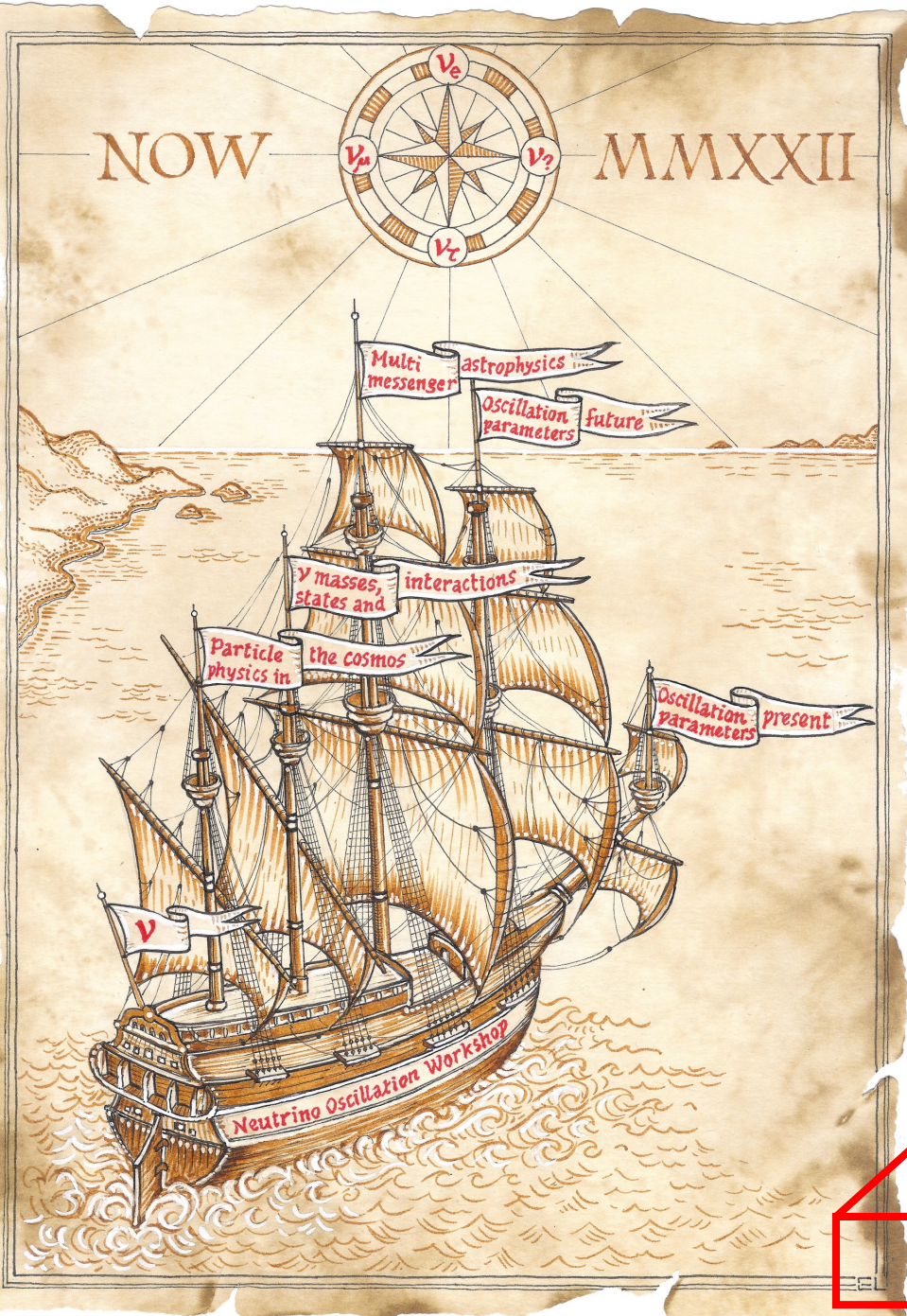


2018



NOW 2022

# The neutrino vessel





# The flags of the neutrino vessel

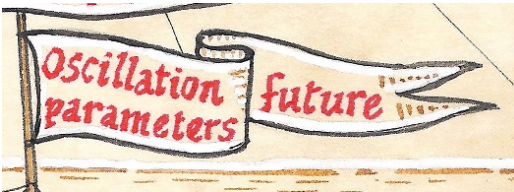
## ➤ Oscillation parameters: Present

Margherita Buizza Avanzini  
Francesco Capozzi



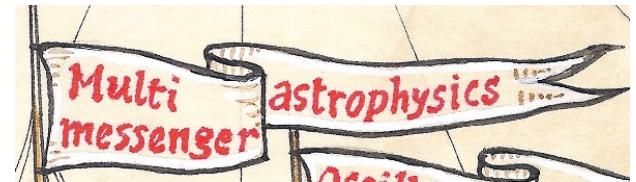
## ➤ Oscillations parameters: Future

Patrick Dunne  
Saori Pastore



## ➤ Multimessenger astrophysics

Giulia Pagliaroli  
Andrii Tykhonov



## ➤ Neutrino masses, states and interactions

Valentina De Romeri  
Natalia Di Marco



## ➤ Particle physics in the Cosmos

Marco Chianese  
Martina Gerbino



# Workshop organization



1 plenary session for each flag/topic in the morning  
(8:30/8:40 - 12.00 in [Sala Gastone](#))

Daily break for lunch and/or beach (12:00 - 16:00)

2 parallel sessions for each flag/topic in the afternoon  
(16:00 - 19:30/19:40 in [Sala Gastone](#) and [Sala Specchi](#))

Special talk by Serguey Petcov  
"Tribute to Bruno Pontecorvo and Samoil Bilenky"

Concluding talk by Nicolao Fornengo

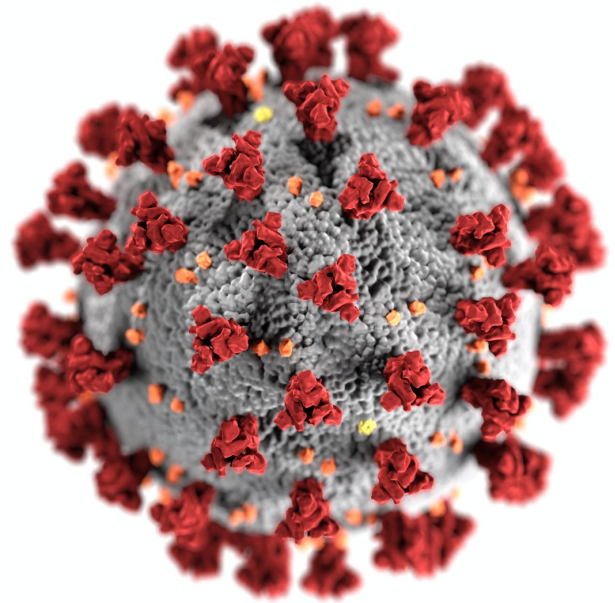


About Covid-19 ...

Currently there are no specific restrictions, outdoor or indoor (except on public transportation)

Use of masks and of sanitizer gel is voluntary

You find complimentary masks in the conference bag



## Meal times

Breakfast	7:15 - 10:00
Lunch	12:30 - 14:00
Dinner	19:30 - 21:00

## Beach

You can reach the beach, by foot or by making free use of the little train

Beach facilities (umbrellas, chairs, beds) are free

Avoid to use the first 4 rows.  
They are reserved to other resort guests





## Thursday 8<sup>th</sup> - Free day

- 3 options:
- 1) Matera tour (departure 8:30, back before dinner )
  - 2) Ostuni tour (departure 9:30, back after lunch )
  - 3) Stay in the resort

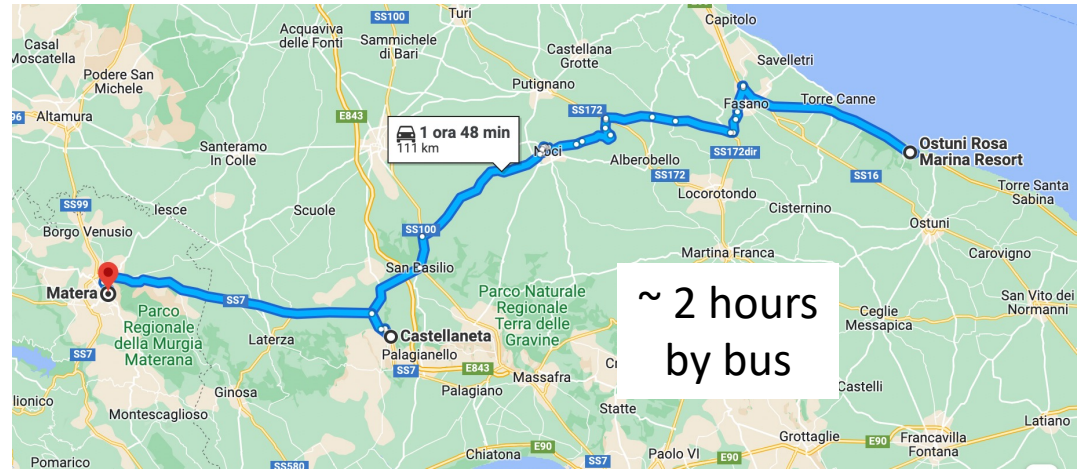
Limited number of participants for Matera and Ostuni tours  
(52 seats for each tour)

Matera tour is not recommended for infants or  
very young kids because significant walking is expected

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

# Matera tour

Matera is famous for "I Sassi",  
UNESCO world heritage site  
since 1993



"This is the most outstanding, intact example of a troglodyte settlement in the Mediterranean region, perfectly adapted to its terrain and ecosystem"  
from UNESCO web site



- ❖ Guided visit in the morning
- ❖ Lunch at a local restaurant
- ❖ Guided visit in the afternoon
- ❖ Back to the resort before dinner



# Ostuni tour

Ostuni is called "the white town"  
for the white-painted walls

The centre is full of churches,  
monuments and aristocratic houses



few minutes  
by bus



- ❖ Guided visit to the town
- ❖ Free time (1.5 hours) for shopping and individual walks
- ❖ Lunch at a local Masseria
- ❖ Back to the resort after lunch

## Other events

Tuesday 6<sup>th</sup>                      Dinner with Apulian cuisine

Wednesday 7<sup>th</sup>                Pizzica (folk dance  
typical of Salento)  
with Folk 2000 group

Friday 9<sup>th</sup>                      Social dinner (h 20:00)







**Enjoy the workshop, the resort and the sea !**