



MEETING INTERNAZIONALE

LA
Scienza
PER LA
Pace



2e3
LUGLIO
2021

PROGRAMMA

Friday, 2 July 2021
Aula Magna "B. Croce"
University of Teramo

M O R N I N G

GREETINGS

- 9.00 **Dino MASTROCOLA**
*Rector of the University of Teramo
and President of C.C.R.U.A.*
- 9.10 **Gianguido D'ALBERTO**
Mayor of Teramo
- 9.20 **Diego DI BONAVENTURA**
President of the Province of Teramo
- 9.30 **Marco MARSILIO**
President of the Abruzzo Region
- 9.40 **Antonio PARENTI**
*Head of the Representation of the
European Commission Representation in Italy*

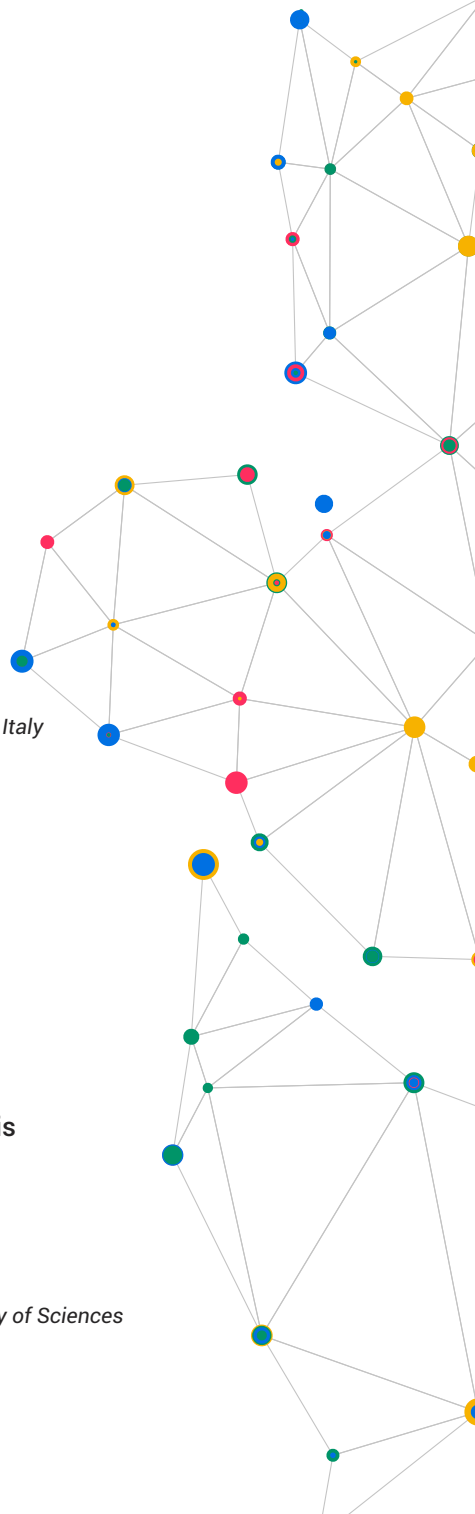
PRESENTATION OF THE MEETING

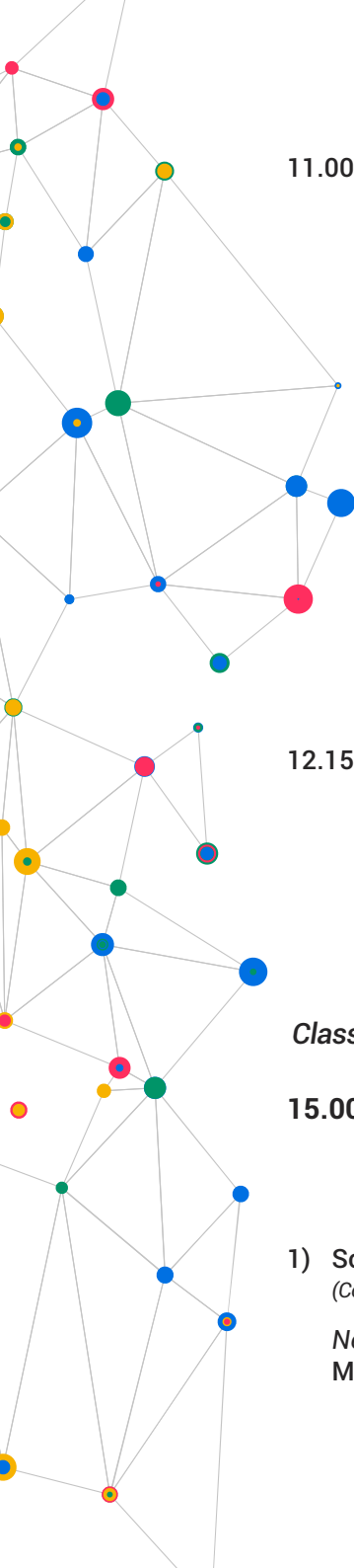
- 10.00 **Mons. Lorenzo LEUZZI**
Bishop of the Diocese of Teramo-Atri

**SCIENCE BETWEEN KNOWLEDGE
AND TECHNOLOGICAL INNOVATION**

Moderator Edoardo Alesse
Rector of the University of L'Aquila

- 10.10 **Video Message from Pope Francis**
- Interventions**
- 10.20 **Maria Cristina MESSA**
Minister of University and Research
- 10.40 **Mons. Dario Edoardo VIGANÒ**
Vice Chancellor of the Pontifical Academy of Sciences





11.00 Round table discussion

Moderator Sergio Caputi

Rector of the "G. d'Annunzio" University of Chieti-Pescara

Interventions

Maria Chiara CARROZZA

President of the National Research Council (CNR)

Carlo DOGLIONI

President of the National Institute of Geophysics and Volcanology (INGV)

Giorgio SACCOCCIA

President of the Italian Space Agency (ASI)

Marco TAVANI

President of the National Institute of Astrophysics (INAF)

Antonio ZOCCOLI

President of the National Institute of Nuclear Physics (INFN)

**12.15 Guido II degli Aprutini Award
to Antonino ZICHICHI**

President of the World Federation of Scientists

A F T E R N O O N

Parallel Sessions

University of Teramo

Classrooms 10, 11 e 12 "S. Spaventa" didactic Center

**15.00 KNOWING THE UNDERSTANDING REALITY
TO BUILD TOGETHER!**

(Fratelli Tutti n.204)

R E S E A R C H A R E A S

1) Science of the Microcosm

(Coordinators: Ezio Previtali, Stefano Ragazzi; Secretariat: Paolo Gorla)

Neutrinos and the Universe

Maura PAVAN, *University of Milano Bicocca*

Exploring the Universe in a new way through gravitational waves

Marica BRANCHESI, *Gran Sasso Science Institute*

Solar neutrinos and the Sun

Nicola ROSSI, *Gran Sasso National Laboratories*

Dark entities and the universe

Cristiano GALBIATI, *Princeton University*

2) Science of the Macrocosm

(Coordinators: Enzo Brocato; Secretariat: Mauro Dolci)

Astronomy beyond Wars: International Cooperation from 1919 to 1950

Ileana CHINNICI, *INAF – Palermo Astronomical Observatory*

Qui fuit, horrendos primus qui protulit enses?

Carlo BAFFA, *INAF – Arcetri Astrophysical Observatory*

A Billion Stars for a brand new World

Marco CASTELLANI, *INAF – Rome Astronomical Observatory*

Involving teenagers from all over the World: the Astronomy Olympics

Gaetano VALENTINI, *INAF – Abruzzo Astronomical Observatory*

Mathematicians and Peace

Giuseppe SACCOMANDI, *University of Perugia*

3) Science of life

A G R I F O O D A R E A

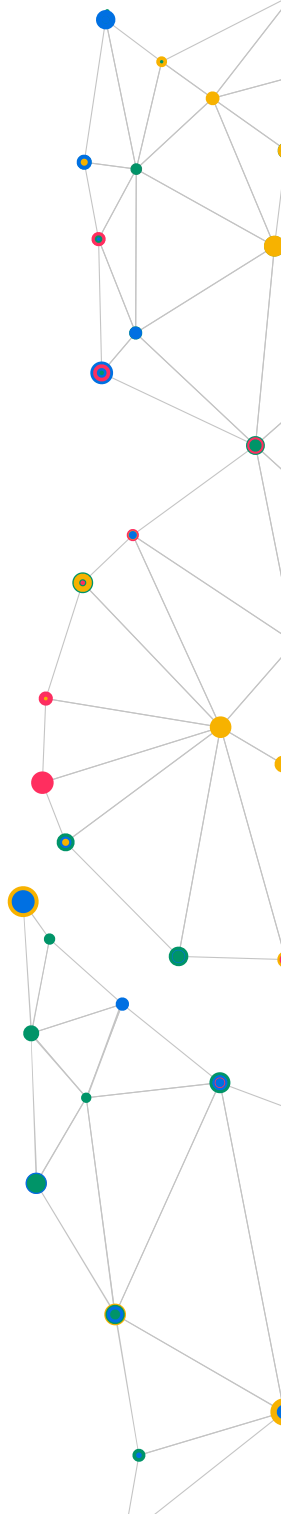
(Coordinator: Enrico Dainese; Secretariat: Beatrice Dufrusine)

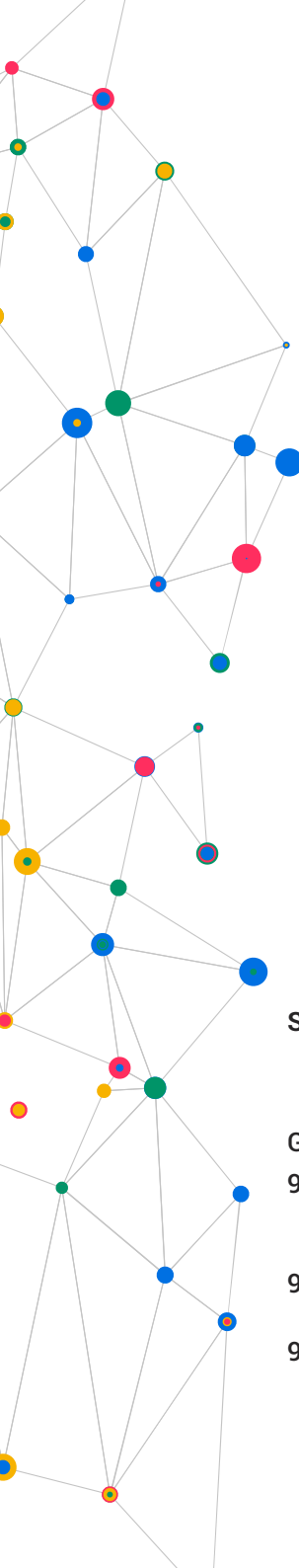
Reducing food loss, preventing food waste and promoting the Mediterranean-type diet: vision of the Italian agri-food system

Andrea SEGRÈ, *Alma Mater Studiorum – University of Bologna*

The ecological impact of obesity: from metabolic food waste to "Eco-Functional" Nutrition

Mauro SERAFINI, *University of Teramo*





VETERINARY AREA

(Coordinators: Augusto Carluccio, Nicola D'Alterio;
Secretariat: Carla De Iuliis)

Food security and cooperation in the Mediterranean Basin: a possible strategy for the future

Sabrina GRECO, CNR-Institute of Sciences of Cultural Heritage
– S.S. Lecce

One Health as an approach to make up global health together

Ivano MASSIRIO, University of Teramo

MEDICINE AND HEALTH AREA

(Coordinator: Lia Ginaldi;
Secretariat: Massimo Maria Marcello De Martinis)

Regenerative medicine: between the beginning of life and its protection

Angelo Luigi VESCOVI, Scientific Director of Casa Sollievo della Sofferenza - San Giovanni Rotondo

Vaccination as a goal for health protection

Jacopo VECCHIET, "G. d'Annunzio" University of Chieti-Pescara

Saturday, 3 July 2021

San Gabriele dell'Addolorata Sanctuary

SCIENTIFIC RESEARCH AS A PATH TOWARDS PEACE

Moderator Eugenio Coccia

Rector of Gran Sasso Science Institute

GREETINGS

9.15 Mariya GABRIEL

European Commissioner for Innovation, Research, Culture, Education and Youth

9.25 Paola INVERARDI

Sherpa for G20 Science

9.35 Salvatore MARTELLO

Mayor of Lampedusa

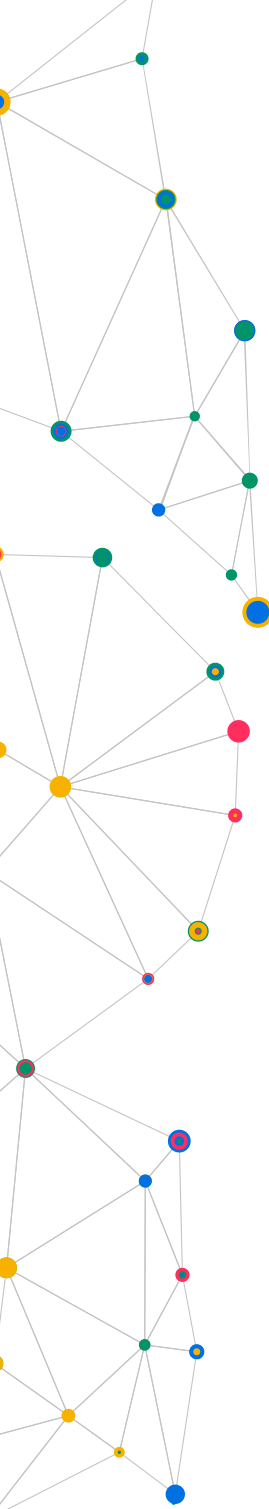
TESTIMONIALS

- 9.45 Ugo AMALDI**
(physicist - CERN of Geneva)
- Gianpaolo BELLINI**
(physicist - Prof. Emeritus University of Milan)
- Bruno DALLAPICCOLA**
(Scientific Director Bambino Gesù Children's Hospital - IRCCS)
- Alessio FIGALLI**
(mathematician - Fields Medal 2018, Zurich Polytechnic)
- Luciano MAIANI**
(Prof. Emeritus Sapienza University of Rome - former director general CERN of Geneva)
- Arthur MCDONALD**
(physicist - Nobel 2015, Canada)
- 11.15 Science and the Problems related to establishing Peace in the World**
Antonino ZICHICHI
President of the World Federation of Scientists
- 11.30 Conclusions**
- Dino MASTROCOLA**
Magnificent Rector University of Teramo and President C.C.R.U.A.
- Mons. Dario Edoardo VIGANÒ**
Vice Chancellor Pontifical Academy of Sciences
- 12.00 Jubilee of scientists**
presided over by H.E. Mons. Lorenzo LEUZZI

SCIENTIFIC COMMITTEE

- Dino MASTROCOLA**
Rector of the University of Teramo and President C.C.R.U.A.
- Sergio CAPUTI**
Rector of the University "G. d'Annunzio" of Chieti-Pescara
- Edoardo ALESSE**
Rector of the University of L'Aquila
- Eugenio COCCIA**
Rector of the Gran Sasso Science Institute





Ezio PREVITALI

Director of INFN - Gran Sasso National Laboratories

Stefano RAGAZZI

Former Director of INFN - Gran Sasso National Laboratories

Enzo BROCATO

Director of INAF - Abruzzo Astronomical Observatory

Nicola D'ALTERIO

Director of IZSAM - Experimental Zooprophyllactic Institute of Abruzzo and Molise "G. Caporale"

Lia GINALDI

University of L'Aquila

Emilio BETTINI

European University of Rome

Cinzia SANTARELLI

General Manager of the University of Teramo

Augusto CARLUCCIO

Dean of Faculty of Veterinary Medicine University of Teramo

Enrico DAINESE

Dean of Faculty of Biosciences and Agri-food and Environmental Technologies University of Teramo (Coordinator)

COMITATO SCIENTIFICO-ORGANIZZATORE

Daniela TONDINI

University of Teramo

Paolo GORLA

INFN – Gran Sasso National Laboratories

Mauro DOLCI

INAF – Astronomical Observatory of Abruzzo

Beatrice DUFRUSINE

University of Teramo

Massimo Maria Marcello DE MARTINIS

University of L'Aquila

Carla DE IULIIS

IZSAM – Experimental Zooprophyllactic Institute of Abruzzo and Molise "G. Caporale"

Carmelo EVOLI

Gran Sasso Science Institute



C.C.R.U.A.
COMITATO DI
COORDINAMENTO REGIONALE
DELLE UNIVERSITÀ ABRUZZESI



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