



NSTAR 2022

The 13th International Workshop on the Physics of Excited Nucleons

## NSTAR 2022 - First Circular

We are pleased to announce that the **13th International Workshop on the Physics of Excited Nucleons (NSTAR 2022)** will take place at Santa Margherita Ligure, Genova, Italy from **October 17 to 21, 2022**.

**NSTAR 2022** will be held at the Hotel Regina Elena, located at Santa Margherita Ligure in the famous Riviera, near-by Portofino.

The scientific program will feature invited as well as contributed talks, with morning Plenary Sessions and afternoon Parallel Sessions and one Poster Session.

Hoping for a global improvement of the pandemic situation, the Conference will officially start **in presence** on Monday October 17<sup>th</sup> and will end on Friday October 21<sup>st</sup>, 2022. We will consider the possibility of remote connections if necessary.

**NSTAR 2022** is organized with the support of the Istituto Nazionale di Fisica Nucleare (**INFN**), the European Union within the workpackage WP25 (Light-and heavy-quark hadron spectroscopy) of the project STRONG-2020, Thomas Jefferson National Accelerator Facility (**JLab**).

We look forward to seeing and to welcoming you in Santa Margherita Ligure.

The local organizing committee,

*Annalisa D'Angelo Elena Santopinto (conference co-chairs)*

*Raffaella De Vita Lucilla Lanza Alessia Fantini*

## International Advisory Committee

Reinhard Beck (U. Bonn)  
Vladimir Braun (U. Regensburg)  
Stanley Brodsky (SLAC)  
Volker Burkert (Jlab)  
Annalisa D'Angelo (U. Roma Tor Vergata - INFN)  
Achim Denig (U. Mainz)  
Robert Edwards (Jlab)  
Christian Fischer (U. Gießen)  
Haiyan Gao (Duke U.)  
Ralf Gothe (U. South Carolina)  
David Ireland (U. Glasgow)  
Ulf-G. Meißner (U. Bonn & FZ Jülich)

Viktor Mokeev (Jlab)  
Takashi Nakano (U. Osaka)  
Eulogio Oset (U. Valencia)  
Craig Roberts (NJU)  
Elena Santopinto (INFN Genova)  
Xiaoyan Shen (IHEP Beijing)  
Ulrike Thoma (U. Bonn)  
Anthony W. Thomas (U. Adelaide)  
Ron Workman (GWU)  
Zheng-Guo Zhao (USTC China)  
Qiang Zhao (IHEP Beijing)  
Bing Song Zou (IHEP Beijing)



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## Scientific Program

The topics covered by NSTAR 2022 include:

- Baryon spectrum through meson photoproduction
- Baryon resonances in experiments with hadron beams and in the  $e^+e^-$  collisions
- Baryon resonances in heavy ion collisions and their role in cosmology
- Baryon structure through meson electroproduction, transition form factors, and time-like form factors
- Partial wave analyses and baryon resonance parameter extraction
- Baryon spectrum and structure from first principles of QCD
- Advances in the modeling of baryon spectrum and structure
- Facilities and future projects
- Hyperon production with electromagnetic probes
- Polarization observables photo- and electro- production of mesons off nucleons
- Other topics related to excited baryons physics

## Abstract submission and proceedings

We encourage the submission of oral and poster contributions. The Local Organizing Committee, in consultation with the International Advisory Committee, will invite plenary talks and select contributions for the parallel and poster sessions.

The abstract submission will be open on the Conference website

**from April 1 through August 22, 2022.**

Oral contributions will be published in the Conference Proceedings.

## General information

### Badge

Each participant will receive a name badge upon check-in at the registration desk. The badge will be the official Conference pass and should be worn at all time in order to gain entry into the Venue the meeting rooms and to access all Catering services.

### Certificate of attendance

Regularly registered participants will receive a certificate of attendance.



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## Letters of invitation and visa requirements

Participants are invited to check with their local travel agency regarding any visa requirements to enter Italy. Application for letters of invitation will be accepted by the Conference Secretariat and Facilitator before June 1, 2022. These documents cannot grant any financial support by the organizers.

## Registration

Registrations will open on April 11, 2022, at the website:

<https://agenda.infn.it/event/28729/>

The Conference is supported by the [“Science is Cool” \(SCOOL\)](#), a non-profit Cultural Association.

Members of SCOOL are eligible of VAT exemption.

The full registration fee amounts to 350 €, which will be increased to 450 € after August 22<sup>nd</sup>, 2022, for members of SCOOL. Students, member of SCOOL, are eligible for a reduced registration fee of 300 €, which will be increased to 400 € after August 22<sup>nd</sup>, 2022.

Early-bird fee for all non-SCOOL members participants will be of 450 Euros, if paid before August 22<sup>nd</sup>, 2022, which will be increased to 550 € after August 22<sup>nd</sup>, 2022. Non-SCOOL student fee is 380 Euros.

	SCOOL members		Non-SCOOL members	
Fees	Before August 22, 2022	After August 22, 2022	Before August 22, 2022	After August 22, 2022
Full registration	350,00 €	450,00 €	450,00 €	550,00 €
Student*	300,00 €	300,00 €	380,00 €	380,00 €

\* a proof of status is mandatory

## Full registrations and student fees include:



Attendance to all Conference and Poster sessions

Conference bag

Conference Program

Coffee breaks **and lunches** from October 18 to October 21

Conference Proceedings



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## Accommodation

NSTAR 2022 will take place at the [Best Western Hotel Regina Elena](#) in [Santa Margherita Ligure](#), Genova, Italy.

Participants to the NSTAR 2022 Workshop may access a **special rate** of

- 70,00 €/night for double room used as single,
- 50,00 €/night for single room,
- Additional person in double room € 36,00/per night.

To access the special rate, rooms must be reserved **before August 22, 2022** sending an e-mail directly to the address: [info@reginaelena.it](mailto:info@reginaelena.it) (object: NSTAR 2022 hotel reservation). **Do not use the Hotel link for reservations.**

## Student support

The participation of younger scientist working on the topics covered by the Conference is encouraged. Limited financial support to facilitate younger physicists (graduate students, postdoctoral fellows, research associates) participation is available.

A few low-price accommodations may be reserved contacting the Conference Secretariat.

## Social events

A social dinner (not included in the conference fee) is planned on Thursday, October 20.

### Important dates

#### April 11, 2022:

Abstract Submission Begins

“Early Bird Registration” Begins

Special-rate Hotel Reservation Begins

#### August 22, 2022:

Submission Deadline Line for Parallel Sessions

Contributions and Poster Abstracts

Special-rate Hotel Reservation ends

#### September 15, 2022:

Final Scientific Program Published

Additional questions may be addressed to the Organizing Committee at [NSTAR2022@roma2.infn.it](mailto:NSTAR2022@roma2.infn.it)