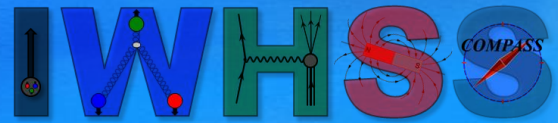


Joint "20th International Workshop on  
Hadron Structure and Spectroscopy" and  
5th workshop on "Correlations in Partonic  
and Hadronic Interactions"

September 30 – October 4,  
Yerevan, Armenia

20  
24  
30/09 - 04/10



# IWHSS-CPHI-2024

Joint “*20<sup>th</sup> International Workshop on Hadron Structure and Spectroscopy*” and  
“*5<sup>th</sup> workshop on "Correlations in Partonic and Hadronic Interactions"*”

If you wish, Joint COMPASS-JLab workshop.

- Spin and 3D Structure Structure of the Nucleon
- TMDs, GPDs and GTMDs
- Fragmentation and Fracture Functions
- Fixed Target and Collider Experiments
- Meson Structure and Spectroscopy
- Search for Exotics and Baryon Resonances
- Confinement QCD and fundamental symmetries
- Dark matter/dark photon searches
- Future Measurements and Experimental proposals



65 talks (25 overviews)  
A special session for students  
(9 talks)

**A special session dedicated to the 50<sup>th</sup> anniversary of the  
"November revolution in particle physics"**

**Dennis Sivers – “The November Revolution- a personal approach”**

# Scientific programme

Conveners (for the first time in IWHSS history)

- Nucleon Spin and TMDs (WG1):  
[Alessandro Bacchetta](#), [Andrea Bressan](#), [Jan Matousek](#)
- Hard Exclusive Processes and GPDs (WG2):  
[Nicole D'Hose](#), [Kyungseon Joo](#), [Eric Voutier](#)
- Meson Structure and Spectroscopy (WG3):  
[Marco Battaglieri](#), [Boris Grube](#), [Stefan Wallner](#)
- Baryon Structure and Spectroscopy (WG4):  
[Patrick Achenbach](#), [Mikhail Mikhasenko](#)
- Processes in Medium (WG5):  
[Lamiaa El Fassi](#), [Stephane Platchkov](#), [Misak Sargsian](#)
- Proton Radius and Fundamental Symmetries (WG6):  
[Aleksei Dzyuba](#), [Liping Gan](#)
- Dark Matter/Photon Search (WG7):  
[Fiorenza Donato](#), [Stepan Stepanyan](#)
- Future Facilities and Experiments (WG8):  
[Aleksey Guskov](#), [Anselm Vossen](#)
- Tracking, Calorimetry, PID and AI applications (WG9):  
[Gagik Gavalian](#), [Sergey Gerassimov](#)

- COMPASS-Jlab physics
- Experimental results, theory, phenomenology
- Special session for students (flash talks: 15 min)

DoE - Financial problems and other formalities:  
Unfortunately several JLab travel requests could not be authorized

# Weather in Yerevan during IWHSS-CPHI-2024



24 °C | °F

Precipitation: 10%  
Humidity: 35%  
Wind: 11 km/h

Weather  
Tuesday  
Cloudy

Temperature | Precipitation | Wind



01:00	04:00	07:00	10:00	13:00	16:00	19:00	22:00
Mon	<b>Tue</b>	Wed	Thu	Fri	Sat	Sun	Mon
23° 10°	24° 15°	24° 11°	24° 11°	25° 12°	26° 12°	27° 13°	27° 14°

# Lunches, dinners, etc.

Coffee breaks (2<sup>nd</sup> floor, next to the conference hall)



Lunches everyday (ground floor)

Welcome reception tonight (ground floor)



Wednesday late afternoon –

tour and cognac tasting: ArArAt factory



Conference dinner: “Megerian Carpet” museum

Thursday evening



- Tuesday-Wednesday: city center dinner options (**please sign up if interested**):
  - Tuesday “Ktoor restaurant“: 10 000 AMD (~25euro) per person, fixed menu, drinks apart
  - Wednesday “Jijil tavern” (next to the venue): same conditions

# Excursions

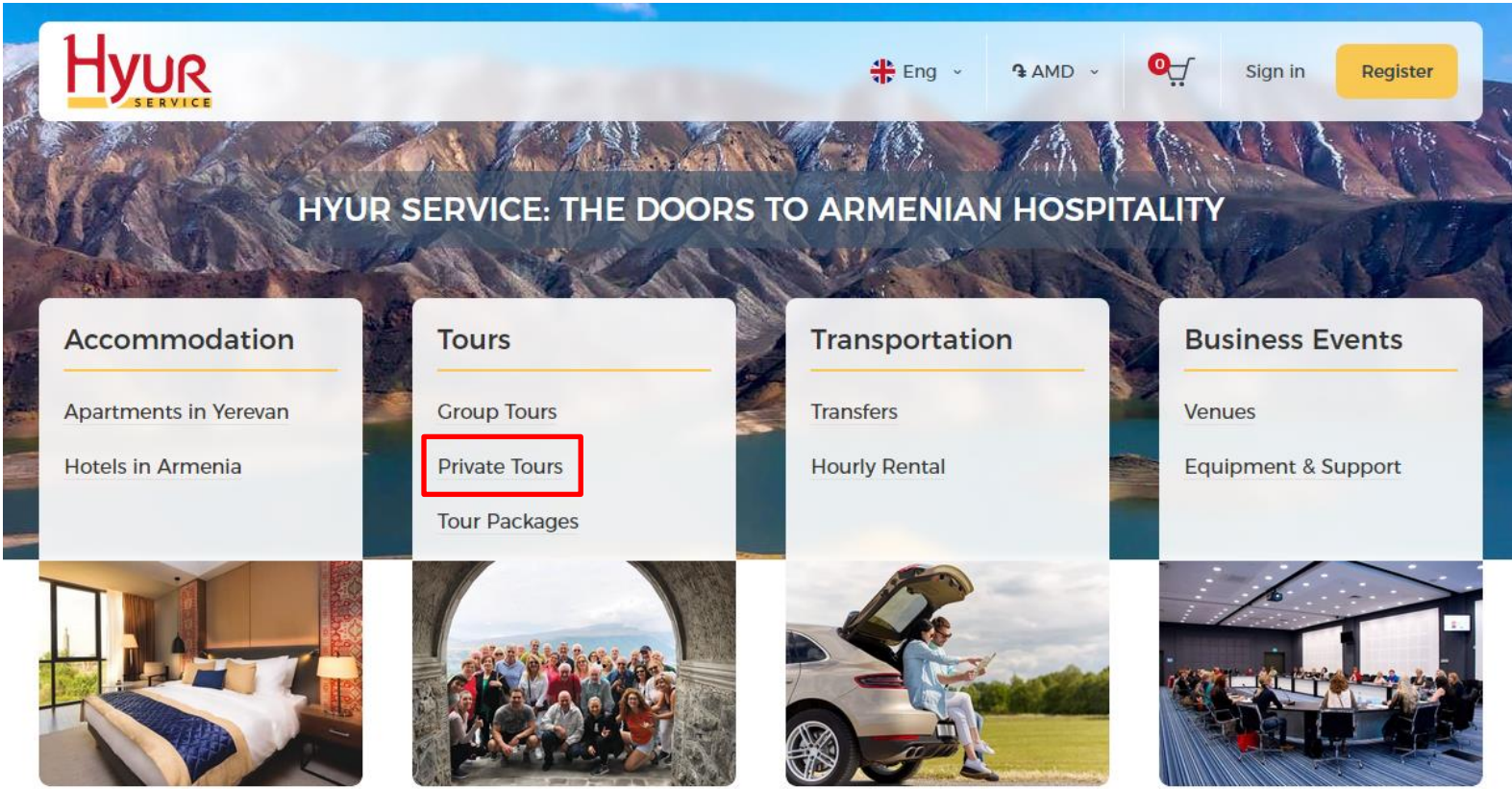
The image features a map of Armenia with several excursion points marked by orange location pins. Each pin is accompanied by a small inset photograph of the corresponding site. The map shows major cities like Yerevan, Vanadzor, and Gyumri, as well as geographical features like Lake Sevan and Mount Ararat. The excursion points include:

- Sevan Island (Սևան Դժոխք)**: A stone church on a small island in Lake Sevan.
- Charentsavan (Չարենցավան)**: A large, ornate stone church.
- Yerevan (Երևան)**: The capital city, with a pin near the city center.
- Gağar (Գաղար)**: A stone church in a valley.
- Khosrov (Խոսրով)**: A stone church in a valley.
- Ararat (Արարատ)**: A stone church on a hillside with Mount Ararat in the background.
- Khachik (Խաչիկ)**: A stone church in a valley.
- Jermuk (Ջերմուկ)**: A stone church in a valley.

Other locations marked on the map include Aparan (Ապարան), Hrazdan (Հրազդան), Vardenis (Վարդենիս), Martuni (Մարտունի), and Sharur (Շարուր). The map also shows major roads like M3, M10, M11, M13, M14, and M15, and geographical features like Ağrı Dağı (Mount Ararat) and Lake Sevan (Սևանա լիճ).

# Accompanying persons

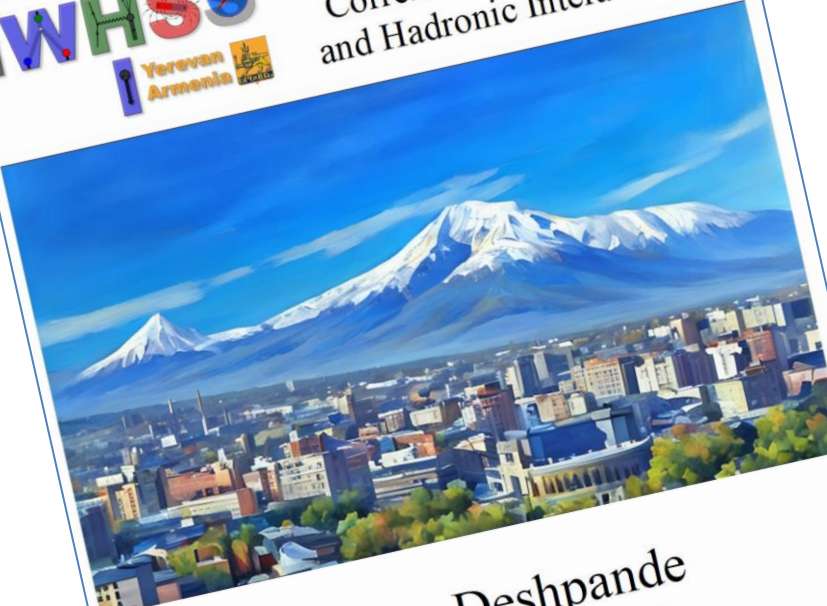
- We can organize private group tours. Please get in touch with the organizers.
- The tours can be booked online: check <https://hyurservice.com/en>



# Armenian translation of your name

2024 30.09 - 04.10  
JINR Lab  
P  
IWHHSO  
Yerevan Armenia

Joint 20<sup>th</sup> International Workshop on Hadron Structure and Spectroscopy and 5<sup>th</sup> workshop on Correlations in Partonic and Hadronic Interactions



Abhay Deshpande  
Աբհայ Դեշպանդե  
Brookhaven national Laboratory and Stony Brook University  
30 September - 4 October 2024  
Ramada Hotel & Suites by Wyndham, Yerevan, Armenia

2024 30.09 - 04.10  
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P  
IWHHSO  
Yerevan Armenia

Joint 20<sup>th</sup> International Workshop on Hadron Structure and Spectroscopy and 5<sup>th</sup> workshop on Correlations in Partonic and Hadronic Interactions



Xuanbo Tong  
Շուևանրո Տոնգ  
University of Jyväskylä  
30 September - 4 October 2024  
Ramada Hotel & Suites by Wyndham, Yerevan, Armenia



# Our sponsors and partners



Thank you!

# Welcome to Armenia! Welcome to IWHSS-CPHI-2024!

Armenia is renowned for its welcoming spirit and traditional hospitality, which are deeply cherished cultural values.

The Armenian hospitality traditions, which are deeply ingrained in the culture, reflect the belief that every guest is a gift from the heavens.

*found on the web*

