



# ICHEP 2024

## Monday 22 July 2024

### Plenary session: ICHEP2024: Opening - Congress Hall (09:00 - 09:40)

-Conveners: Barbara Trzeciak; Jana Bielcikova

time	[id] title	presenter
09:00	[1528] Opening	DOLEZAL, Zdenek
09:05	[1529] Welcome from Authorities	
09:20	[1533] Practical information	DAVIDEK, Tomas

### Plenary session - Congress Hall (09:40 - 10:30)

-Conveners: Barbara Trzeciak; Jana Bielcikova

time	[id] title	presenter
09:40	[1457] ATLAS Highlights	DUNFORD, Monica
10:05	[1458] CMS Highlights	PIERINI, Maurizio

### Plenary session - Congress Hall (11:00 - 12:40)

-Conveners: Franck Sabatie; Beate Heinemann

time	[id] title	presenter
11:00	[1459] ALICE Highlights	JACAZIO, Nicolo
11:20	[1460] LHCb Highlights	AMHIS, Yasmine Sara
11:40	[1461] B-factories Highlights (BaBar, Belle, Belle II)	LIBBY, James
12:00	[1462] Diversity and equitable opportunities	BERRY, Tracey
12:20	[1463] Technological spin-offs and industrial applications	Dr TITOV, Maksym

### Plenary session - Congress Hall (14:30 - 16:10)

-Conveners: Hugh Lippincott; Karl Jakobs

time	[id] title	presenter
14:30	[1464] Higgs experimental overview	BERGER, Nicolas
14:55	[1465] SM and BSM Higgs theory overview	MCCULLOUGH, Matthew Philip
15:20	[1466] Dark matter and axion searches	MONROE, Jocelyn Rebecca
15:45	[1467] Dark matter theory	ZUREK, Kathryn

### Plenary session - Congress Hall (16:40 - 19:00)

-Conveners: Sioni Paris Summers; Dmitri Denisov

time	[id] title	presenter
16:40	[1474] Sustainability in HEP (accelerators, detectors, computing)	LAXDAL, Robert Edward

17:00	[1469] Computing & SW, status and future	ROHR, David
17:25	[1470] Detector development	MERKEL, Petra
17:50	[1471] Special event: Quantum sensing in particle physics	DOSER, Michael

# Tuesday 23 July 2024

## Plenary session - Congress Hall (08:30 - 10:10)

-Conveners: Mark Thomson; Liangjian Wen

time	[id] title	presenter
08:30	[1479] Neutrino oscillation and CP violation	OCHOA RICOUX, Juan Pedro
09:05	[1480] Neutrino mass and neutrino-less double beta decay	Prof. MERTENS, Susanne
09:25	[1481] Searches for astrophysical and cosmological neutrinos	LU, Lu
09:45	[1482] Neutrinos theory - open questions and future opportunities	Prof. VOLKAS, Raymond

## Plenary session - Congress Hall (10:55 - 12:40)

-Conveners: Daniel De Florian; Pierluigi Campana

time	[id] title	presenter
10:55	[1483] Formal theory	SCHAFFER-NAMEKI, Sakura
11:25	[1472] Experimental overview of BSM searches (includes resonant HH production)	SOFFI, Livia
11:50	[1473] Exploring the frontier: Theoretical insights into new physics	GORI, Stefania
12:15	[1475] Present and approved accelerator facilities	NAGAITSEV, Sergei

## Plenary session - Congress Hall (14:30 - 16:25)

-Conveners: Florencia Canelli; Jorgen d'Hondt

time	[id] title	presenter
14:30	[1477] US P5 vision and strategic plan	MURAYAMA, Hitoshi
14:45	[1478] Panel discussion on Future Colliders	CANELLI, Florencia
16:00	[1476] Future facilities and advances in accelerator technologies	STEERENBERG, Rende

## Plenary session - Congress Hall (16:55 - 18:55)

-Conveners: Ioana Maris; Constantinos Skordis

time	[id] title	presenter
16:55	[1468] Novel ML technique applications	DUARTE, Javier Mauricio
17:20	[1484] Multimessenger astrophysics	DE SOUZA, Vitor
17:45	[1485] Observational cosmology	ANDRADE-OLIVEIRA, Felipe
18:10	[1486] Gravitational waves detection	NISSANKE, Samaya

# Wednesday 24 July 2024

## Plenary session - Congress Hall (09:00 - 10:40)

-Conveners: Martin Rybar; Andreas Meyer

time	[id] title	presenter
09:00	[1487] Top physics experimental overview	DOBUR, Didar
09:25	[1488] Electroweak physics, experimental overview	SOMMER, Philip
09:50	[1489] Experimental highlights from heavy-ion physics	SCHWEDA, Kai
10:15	[1490] Theory progress in exploring the bulk QGP properties	DJORDJEVIC, Magdalena

## Plenary session - Congress Hall (11:10 - 12:30)

-Conveners: Oliver Witzel; Florian Urs Bernlochner

time	[id] title	presenter
11:10	[1491] Quark flavour physics	MALDE, Sneha Sirirshkumar
11:35	[1492] Lepton flavour physics and EDM experiments	IJIMA, Toru
12:00	[1493] Theoretical perspective on flavour physics	DATTA, Alakabha

## Plenary session - Congress Hall (14:00 - 16:20)

-Conveners: Chris Parkes; Dieter Zeppenfeld

time	[id] title	presenter
14:00	[1497] Education and Outreach	BARNEY, David
14:20	[1494] High-energy QCD experimental physics	CANTERO, Josu
14:45	[1495] Status and outlook of SM QCD predictions	MELNIKOV, Kirill
15:10	[1496] Advances in hadron physics	LYU, Xiao-Rui
15:35	[1498] C11 Report	CANELLI, Florencia
15:45	[1499] Early Career Award 1	NGADIUBA, Jennifer
15:55	[1500] Early Career Award 2	MOULT, Ian
16:05	[1501] Poster awards	TRZECIAK, Barbara KEPKA, Oldrich

## Plenary session - Congress Hall (16:45 - 18:55)

-Conveners: Zdenek Dolezal

time	[id] title	presenter
16:45	[1502] Conference Summary	KADO, Marumi
17:30	[1522] EPS-HEP 2025 conference	DIACONU, Cristinel
17:35	[1503] Next ICHEP conference	ROSENFELD, Rogério
17:45	[1504] Conference closing remarks	DAVIDEK, Tomas