

# **International Workshop on Outlook for INO, IICHEP and beyond (Participation by invitation only)**

**Friday, 19 February 2021 - Saturday, 20 February 2021**

## **Online Programme**

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# Friday 19 February 2021

## **Session 1: Introduction (19 Feb 2021, 15:00-15:50)**

-Conveners: Majumder, Gobinda (T.I.F.R.)

time	[id] title	presenter
15:00	[1] Opening remarks (10 minutes)	Prof. MONDAL, Naba (SINP, Kolkata)
15:10	[2] History and status of INO (40 minutes)	Prof. M.V.N., Murthy (IMSc, Chennai)

## **Session 2: Detectors (19 Feb 2021, 15:50-17:30)**

-Conveners: Sharma, Archana (CERN)

time	[id] title	presenter
15:50	[16] An overview of the ICAL detector (40 minutes)	BHEESETTE, Satyanarayana (TIFR, Mumbai, INDIA)
16:30	[17] Status and outlook for particle detectors (40 minutes)	Prof. KRIZAN, Peter (Ljubljana University and J. Stefan Institute, Ljubljana)
17:10	[18] General Discussion (20 minutes)	

## **Break (17:30-17:50)**

## **Session 3: ICAL Status (19 Feb 2021, 17:50-19:00)**

-Conveners: Datar, Vivek (Tata Institute of Fundamental Research)

time	[id] title	presenter
17:50	[19] Engineering aspects of ICAL detector (30 minutes)	Mr S.P., Prabhakar (BARC, Mumbai)
18:20	[20] Neutrino physics from ICAL -- current status (40 minutes)	INDUMATHI, D (IMSc)

## **Session 4: Synergies with other experiments (19 Feb 2021, 19:00-20:00)**

-Conveners: Sarkar, Subir (University of Oxford)

time	[id] title	presenter
19:00	[21] Synergy of ICAL with GRAPES-3 (30 minutes)	Dr MOHANTY, P.K. (TIFR, Mumbai)
19:30	[22] The international astroparticle physics landscape (30 minutes)	Dr MOHAMED , Rameez (TIFR, Mumbai)

# Saturday 20 February 2021

## **Session 5: Experiments: International context (20 Feb 2021, 15:00-17:00)**

**-Conveners: Agarwalla, Sanjib Kumar (IOP, Bhubaneswar)**

time	[id] title	presenter
15:00	[8] International neutrino landscape (40 minutes)	Dr DE ROECK, Albert (CERN)
15:40	[9] Physics & technology of JUNO (40 minutes)	Prof. RANUCCI, Gioacchino
16:20	[23] The future of atmospheric neutrino studies (40 minutes)	Dr WENDELL , Roger (Kyoto University, Japan)

## **Break (17:00-17:30)**

## **Session 6: Neutrino physics: current and future (20 Feb 2021, 17:30-19:50)**

**-Conveners: Dighe, Amol (TIFR)**

time	[id] title	presenter
17:30	[24] Present situation in neutrino phenomenology (40 minutes)	Prof. PETCOV, Serguey (SISSA, Italy)
18:10	[25] Beyond Standard Model physics at ICAL (40 minutes)	GOSWAMI, Srubabati (Physical Research Laboratory, Ahmedabad 380009)
18:50	[26] General Discussion (1 hour)	

## **Session 7: Conclusions (20 Feb 2021, 19:50-20:00)**

**-Conveners: Sharma, Archana (CERN)**

time	[id] title	presenter
19:50	[27] Concluding remarks (9 minutes)	GODBOLE, Rohini (Center for Theoretical Studies, Bengaluru, India)
19:59	[28] Vote of thanks (1 minute)	