

MMAP 2020



MACROCOSMOS, MICROCOSMOS, ACCELERATOR AND PHILOSOPHY

Report of Contributions

Contribution ID : 3

Type : **not specified**

Phase transitions in electron-hole plasmas: A superfluid of light

Tuesday, 10 May 2022 10:45 (45)

Online

Presenter(s): LITTLEWOOD, Peter

Contribution ID : 4

Type : **not specified**

Creation of Ideas, Ideals and Institutions – An Odyssey

Monday, 9 May 2022 13:00 (45)

Presenter(s): DATTA GUPTA, Sushanta

Contribution ID : 5

Type : **not specified**

Quarkyonic Matter and Neutron Stars

Monday, 9 May 2022 15:00 (45)

Presenter(s) : MCLERRAN, Larry

Contribution ID : 6

Type : **not specified**

Emergence of hydrodynamics in expanding quark-gluon plasmas

Monday, 9 May 2022 15:45 (45)

Presenter(s) : BLAIZOT, Jean-Paul

Contribution ID : 7

Type : **not specified**

Parton Distribution Functions for Discovery Physics at the LHC

Friday, 13 May 2022 10:00 (45)

Presenter(s) : COOPER-SARKAR, Amanda

Contribution ID : 8

Type : **not specified**

Sphaleron explosions and baryogenesis in cosmological electroweak phase transition

Monday, 9 May 2022 17:00 (45)

Online

Presenter(s) : SHURYAK, Edward

Contribution ID : 9

Type : **not specified**

Experimental studies of transport in dense gluon matter

Tuesday, 10 May 2022 10:00 (45)

Presenter(s) : JACAK, Barbara

Contribution ID : 10

Type : **not specified**

Distillation of Strangelets for low initial μ/T

Presenter(s) : STOECKER, Horst

Contribution ID : **11**

Type : **not specified**

Shiraz Minwalla

Contribution ID : 12

Type : **not specified**

Quantum information tools for the S-matrix bootstrap

Tuesday, 10 May 2022 12:45 (45)

Presenter(s) : SINHA, Aninda

Contribution ID : 13

Type : **not specified**

The making of .. ALICE

Tuesday, 10 May 2022 14:45 (45)

Presenter(s) : SCHUKRAFT, Jurgen

Contribution ID : 14

Type : **not specified**

The Quark-Gluon Plasma and the ALICE experiment at the Large Hadron Collider

Monday, 9 May 2022 12:15 (45)

Presenter(s) : ANTINORI, Federico

Contribution ID : 15

Type : **not specified**

Thermodynamics of the 'Little Bang'

Thursday, 12 May 2022 12:45 (45)

Presenter(s) : NAYAK, Tapan

Contribution ID : 16

Type : **not specified**

160th Birth Anniversary of Rabindranath Tagore and 100th Birth Anniversary of Satyajit Roy

Wednesday, 11 May 2022 10:00 (30)

M. K. Narayanan (Inauguration)

and

Book release, "Visva – Bharati 1921 – 2021 – a vision betrayed" by Sushanta Dattagupta

Contribution ID : 17

Type : **not specified**

Why Rabindranath and Science?

Wednesday, 11 May 2022 11:00 (30)

Presenter(s) : SINHA, Bikash

Contribution ID : **18**

Type : **not specified**

Imprints of Science in RabindraSangeet

Wednesday, 11 May 2022 11:30 (45)

Presenter(s) : DATTAGUPTA, Sushanta

Contribution ID : 19

Type : **not specified**

Jagadish Chandra & Rabindranath, kindred spirits

Wednesday, 11 May 2022 12:15 (30)

Presenter(s) : RAHA, Sibaji

Contribution ID : **20**

Type : **not specified**

A centenary of Satyajit Roy

Wednesday, 11 May 2022 15:15 (45)

Presenter(s) : BANDYOPADHYAY, Samik

Contribution ID : 21

Type : **not specified**

Tagore & Germany

Contribution ID : 22

Type : **not specified**

Dialogue between Rabindranath Tagore & Albert Einstein “Reality”

Wednesday, 11 May 2022 14:30 (45)

Presenter(s) : SINHA, Bikash; GHOSE, Partha

Contribution ID : 23

Type : **not specified**

“Song offerings” - Seasons of Bengal

Wednesday, 11 May 2022 16:30 (60)

Rahul Mitra (narration by Sushanta Dattagupta) on “Song offerings” - Seasons of Bengal

Presenter(s) : MITRA, Rahul; DATTA GUPTA, Sushanta

Contribution ID : 24

Type : **not specified**

The Indian Heavy Ion Community, a big player in the international field of QGP research today

Presenter(s): GUTBROD, Hans

Contribution ID : 25

Type : **not specified**

Polarized quark gluon plasma

Thursday, 12 May 2022 10:00 (45)

Presenter(s) : MOHANTY, Bedangadas

Contribution ID : 26

Type : **not specified**

Quark Nuggets as Dark Matter

Presenter(s) : BHATTACHARJEE, Pijushpani

Contribution ID : 27

Type : **not specified**

Title will be informed soon..

Tuesday, 10 May 2022 15:30 (45)

Presenter(s) : SRIVASTAVA, Dinesh Kumar

Contribution ID : 28

Type : **not specified**

Title will be informed soon...

Thursday, 12 May 2022 10:45 (45)

Presenter(s) : HEUER, Rolf

Contribution ID : 29

Type : **not specified**

VECC – the Centre for the “City of Cyclotrons”

Tuesday, 10 May 2022 16:45 (30)

Presenter(s) : SOM, Sumit

Contribution ID : 30

Type : **not specified**

J-PARC - Today and Tomorrow in Nuclear and Particle Physics

Tuesday, 10 May 2022 17:15 (45)

Online

Presenter(s) : NAGAMIYA, Shoji

Contribution ID : 31

Type : **not specified**

Testing the cosmological principle

Friday, 13 May 2022 10:45 (45)

Presenter(s) : SARKAR, Subir

Contribution ID : 32

Type : **not specified**

Unlocking Mysteries of Neutron Stars

Friday, 13 May 2022 12:15 (45)

Presenter(s) : BANDYOPADHYAY, Debades

Contribution ID : 33

Type : **not specified**

The 21cm Hydrogen absorption line observed by EDGES; Dark Matter-Baryon and Dark Matter-Dark Energy interactions in early Universe

Friday, 13 May 2022 14:45 (45)

Presenter(s): MAJUMDAR, Debasish

Contribution ID : 34

Type : **not specified**

Rare Isotope Beams – their discovery potential and VECC's efforts

Thursday, 12 May 2022 15:45 (45)

Presenter(s) : BANDYOPADHYAY, Arup

Contribution ID : 35

Type : **not specified**

Title will be informed soon..

Thursday, 12 May 2022 15:00 (45)

Presenter(s) : NAYAK, Jajati Kesari

Contribution ID : 36

Type : **not specified**

Cosmic Archaeology: Preparing for the exciting expedition ahead

Friday, 13 May 2022 16:45 (30)

Online

Presenter(s) : CHATTOPADHYAY, Swapan

Contribution ID : 37

Type : **not specified**

The discovery of a large scale helium basin in West Bengal and Jharkhand States in Eastern India

Friday, 13 May 2022 16:15 (30)

Presenter(s) : GHOSE, Debasis

Contribution ID : 38

Type : **not specified**

**“In Celebration of Bikash Chandra Sinha: A Brilliant
Life in Science, Arts, Education, Leadership and
Public Service”.**

Friday, 13 May 2022 17:15 (15)

Online

Presenter(s) : CHATTOPADHYAY, Swapan

Contribution ID : 39

Type : **not specified**

Inauguration

Monday, 9 May 2022 10:00 (45)

Present in the podium :-

- M. K. Narayanan, Former Governor of West Bengal and former National Security Advisor
- K. N. Vyas, Chairman, Atomic Energy Commission and Secretary to the Department of Atomic Energy, Government of India
- Partha Chatterjee, Hon'ble Minister of Industry, Commerce & Enterprise, Information Technology and Electronics and Parliamentary Affairs
- Ajit Kumar Mohanty, Director, Bhabha Atomic Research Centre
- Jairam Ramesh, M P, Rajya Sabha
- Sumit Som, Director, Variable Energy Cyclotron Centre
- Gautam Bhattacharya, Director, Saha Institute of Nuclear Physics
- Sibaji Raha, Former Director, Bose Institute
- Bikash Sinha, INSA Senior Scientist

Contribution ID : 40

Type : **not specified**

Release of the Collected works of Bikash Sinha

Monday, 9 May 2022 11:15 (15)

Chairperson: Krishnan Srinivasan, INDIA

Vol. I. To be released by Shri M. K. Narayanan

Vol. II. To be released by Roger Penrose

Cover tearing by Subir Sarkar

Contribution ID : 42

Type : **not specified**

Black Holes, Singularities, and Cyclic Cosmology

Monday, 9 May 2022 11:30 (45)

Presenter(s) : PENROSE , Roger

Contribution ID : 43

Type : **not specified**

ALICE at LHC, CERN, Muon Spectrometer

Presenter(s) : MUSA , Luciano

Contribution ID : 44

Type : **not specified**

String Theory: Elephant in the Room of Conditioned Viewpoints

Tuesday, 10 May 2022 12:00 (45)

Presenter(s) : MUKHI, Sunil

Contribution ID : 45

Type : **not specified**

What have we have learned from the Thermometric signals from QGP

Presenter(s) : RAHA, Sibaji

Contribution ID : 46

Type : **not specified**

High Energy Accelerators: One stop solutions for exotic radioisotopes of multiple uses – from therapy to neutrino mass measurement

Thursday, 12 May 2022 17:00 (30)

Primary author(s) : NASKAR, Nabanita; LAHIRI, Susanta

Presenter(s) : NASKAR, Nabanita; LAHIRI, Susanta

Contribution ID : 47

Type : **not specified**

Title will be informed soon..

Friday, 13 May 2022 15:30 (45)

Presenter(s) : GIUBELLINO, Paolo

Contribution ID : 48

Type : **not specified**

Holographic bound on area of a compact binary merger remnant

Friday, 13 May 2022 13:00 (30)

Presenter(s) : MAJUMDAR, Partha Sarathi

Contribution ID : 49

Type : **not specified**

Title will be informed soon...

Thursday, 12 May 2022 14:30 (30)

Presenter(s) : CHATTOPADHYAY, Subhasis

Contribution ID : 50

Type : **not specified**

Title will be informed soon...

Thursday, 12 May 2022 16:30 (30)

Presenter(s) : BHATTACHARYA, Chandana

Contribution ID : 51

Type : **not specified**

Title will be announced soon...

Thursday, 12 May 2022 12:00 (45)

Presenter(s) : DATAR, Vivek

Contribution ID : 52

Type : **not specified**

Concluding Remarks: Bikash Sinha

Friday, 13 May 2022 17:30 (10)

Presenter(s) : SINHA, Bikash