



**1ST International e-Conference on
Recent Advances in Physics & Materials Science-2020
(IC-RAPMS-2020)**

July 9 - 10, 2020 (10:00 AM- 02.00 PM, IST)

Organized by

Kurseong College, Darjeeling, West Bengal, India-734203

In collaboration with

St. Joseph's College, Darjeeling, West Bengal, India-734104

Technical partner

Condensed Matter Physics Research Center, Butwal, Nepal-11

Our Speakers

Sl. No.	Name	Institute/University	Title of Talk
1.	Prof. V. Madhurima	Central University of Tamil Nadu, India	Droplets: Properties and Relevance to COVID -19
2.	Dr. D.P. Rai	Pachhunga University College, India	Thermoelectric properties of Heusler alloys
3.	Dr. M.P. Ghimire	Tribhuvan University, Nepal	Creating Weyl nodes by Magnetization Rotation in Kagome Metal $\text{Co}_3\text{Sn}_2\text{S}_2$
4.	Dr. Arles V. Gil Rebaza	Instituto de Física La Plata IFLP – CONICET, CCT, Argentina	The GIPAW approach for the study of local structures and the electric field gradients at Cd and Ta impurity sites. Application to doped yttria ceramics
5.	Dr. Debarun Dhar Purkayastha	NIT-Nagaland, India	Thin Films and Nanostructures for Self-cleaning Applications
6.	Dr. Anand Pariyar	Sikkim University, India	Metal organic framework as functional materials
7.	Prof. B. Indrajit Sharma	Assam University, India	Density Functional Theory: electronic structure calculation
8.	Dr. P.K. Das	University of Oslo, Norway	Minerals behavior under extreme conditions: A DFT approach
9.	Dr. D. Gupta	Weizmann Institute of Science, Israel	Charged particle collisions and its implications to atomic and molecular systems
10.	Dr. P. Pradhan	MIT Kavli Institute for Astrophysics and Space Research, USA	Astrophysics, neutron stars and animals. Wait, what?
11.	Prof. P. Poullose	IIT Guwahati, India	Cosmic Evolution and Particle Dynamics
12.	Dr. Pratap Reddy	National Institute of Nutrition, Hyderabad, India	In vivo imaging in nanoparticles based drug delivery to target tumor- an advanced and accelerating biomedical imaging method
13.	Prof. Y. Al-Douri	University of Malaya, Malaysia	Quantum dots: Theoretical studies
14.	Dr. Debasish Borah	IIT Guwahati, India	Neutrinos at the crossroads of particle physics, astrophysics and cosmology