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Ms. Amala Joseph

Venue: Seminar Hall
Sree Sankara College, Kalady

Address for Communication

Smt. Nimmi Narayanan
Ph.No. 9388415014
email: nimmi.indhira@gmail.com

Registration Fee

Students - Rs 200/-
Research Scholars/Teachers - Rs 400/-

Last Date of Registration 24/10/2018

NATIONAL WORKSHOP ON HIGH ENERGY PHYSICS

October 29–31, 2018

Organized by,

Department Of Physics
Sree Sankara College, kalady



Resource Persons



Dr. M. V. N. Murthy,
Professor(Retd.), Institute of
Mathematical Sciences, Chennai



Dr. K. Indulekha,
Professor, School of Pure and
Applied Physics, Mahatma Gandhi
University, Kottayam

Scope and Objective of the Workshop

The proposed workshop on High Energy Physics will be focussing on the foundation of particle physics and the recent advancements in the field of High Energy Physics.

This workshop will also have a session on detection of gravitational waves using LIGO.

"Hearty welcome to students, research scholars and teachers....."

Ms. Nimmi Narayanan
Convener

Dr. Vinod. G
H.O.D. Dept of Physics

Sri Sambhu Namboothiri N
Principal/DDO

Programme Schedule

DAY 1: 29 - 10 - 2018 (MONDAY)

9.30 am - 10.00 am : Inaugural Ceremony
10.00 am - 11.00 am : LECTURE 1 - Elementary particles; Classification and Interaction

Speaker: Dr. M. V. N. Murthy

11.00 am - 11.15 am : Tea Break

11.15 am - 01.00 pm : Lecture 1 continues

01.00 am - 02.00 pm : Lunch Break

02.00 pm - 04.00 pm : Lecture 2 - Symmetries and its Conservation Laws

Speaker: Dr. M. V. N. Murthy

DAY 2: 30 - 10 - 2018 (TUESDAY)

10.00 am - 11.30 am : Lecture 3 - Hadrons and Quarks

Speaker: Dr. M. V. N. Murthy

11.30 am - 11.45 am : Tea Break

11.45 am - 01.00 pm : Lecture 3 continues

01.00 pm - 02.00 pm : Lunch Break

02.00 pm - 04.00 pm : Interactive Session chaired by Dr M.V.N. Murthy

DAY 3: 31- 10 -2018

(WEDNESDAY)

09.00 am - 10.15 am : Lecture 4 - Standard Model of the Universe

Speaker: Dr. M. V. N. Murthy

10.15 am - 10.45 am : Tea Break

10.45 am - 12.30 pm : Lecture 5 - Introduction to General Relativity

Speaker: Dr. K. Indulekha

12.30 pm - 01.30 pm : Lunch Break

01.30 pm - 03.15 pm : Lecture 6 - Gravitation Waves

Speaker: Dr. K. Indulekha

03.15 pm - 03.30 pm : Valedictory Function