

Regional Astronomy meeting

Regional Astronomy Meeting, two-day program conducted department of physics on 9th and 10th July 2020. The sixth regional meeting focused on the topic 'Research in Astronomy: Opportunities and Challenges'. The program was sponsored by IUCAA. The inaugural talk was presented by Prof. Ajit Kembhavi, IUCAA, Pune. Main highlights of the program include Review talks by senior Astronomers, Research talks by PhD students and Postdoctoral fellows and Lightning talks by MSc students. There were 10 review talks of 30 minutes each, 17 presentations of 15 minutes each and several lighting talks during the workshop. Eminent personalities delivered talks include Prof. Ajit Kembhavi, IUCAA, Pune, Prof. Annapurni Subramaniam, IIA, Bangalore, Prof. Ramaprakash A. N., IUCAA, Pune, Prof. Ishwar Chandra, NCRA-TIFR, Pune, Prof. A. Gopakumar, TIFR, Mumbai, Prof. Manoj Puravankara, TIFR, Mumbai, Prof. Anand Narayanan, IIST, Thiruvananthapuram, Prof. Debbijoy Bhattacharya, Manipal Centre for Natural Sciences, Manipal, Dr. Joe Ninan, Pennsylvania State University, USA, Prof. Ninan Sajeet Philip, St. Thomas college, Kozhencherry, Prof. Indulekha K., Mahatma Gandhi University, Kottayam, Prof. Paul K. T., Christ University, Bangalore, Prof. Ravikumar C. D., University of Calicut, Kerala, Prof. Harikrishnan K. P., Cochin College, Kochi, Dr. Smitha Subramanian, IIA, Bangalore, Dr. Minu Joy, Alphonsa College, Pala, Prof. Titus K. Mathew, CUSAT, Kochi Organising Committee, Dr. Reju Sam John, IUCAA, Pune, Dr. Jithesh V., IUCAA, Pune, Dr. Sheelu Abraham, Mar Thoma College, Chungathara, Dr. Savithri Ezhikode, IUCAA, Pune, Dr. Charles Jose, CUSAT, Kochi, Dr. Vivek M, IIA, Bangalore, Dr. Biju K G, W.M.O. College, Muttill, Wayanad, Prof. Joe Jacob, Newman College, Thodupuzha, Prof. Ranjeev Mishra, IUCAA. Total 183 students and scholars participated in the programme.


Principal
W.M.O. Arts & Science College
Muttill P.O., Wayanad

Regional Astronomy Meeting

9 - 10 July 2020

Research in Astronomy: Opportunities and Challenges

Online platform: Google Meet

Sponsored by:



IUCAA



9-JULY-2020 – Lightning talks Order

"Investigating Particle Acceleration in the Wolf-Rayet bubble G2.4+1.4",
Prachi Prajapati, Physical Research Laboratory, Ahmedabad

"Correlations Between CME Parameters and Sunspot Activity in Solar Cycle 23 and 24",
Shifana Koya, CUSAT, Kochi

"Study of Long Term Variation in Solar Activity",
Prabha K., CUSAT, Kochi

"On the Identification of new Classical Ae stars using LAMOST DR5",
Anusha R., CHRIST (Deemed to be University), Bangalore

"Is the ratio of blue to red supergiants indicative of the metallicity of an open cluster?",
Keerthana S Narayan, CHRIST (Deemed to be University), Bangalore

"Transition candidates from the pre-main sequence to the main sequence phase",
Suman Bhattacharyya, CHRIST (Deemed to be University), Bangalore

"Characterization of stars in Nearby Young Moving groups",
Raksha S., CHRIST (Deemed to be University), Bangalore

10-JULY-2020 – Lightning talks Order

"Modelling Galaxy Rotation Curves",
Lekshmi Priya, CUSAT, Kochi

"Theory-Independent tests of General Relativity by analysing Black Hole Images",
Saurabh, University of Delhi

"Twin Lines of Sight Observations of Metal-Rich Gas in a Galaxy Group",
Pratyush Anshul, IIST, Thiruvananthapuram

"The Longitude Dependence of Number Counts of Stars and Galaxies within the Solar Neighbourhood",
Merin Joy, Sacred Heart College, Chalakkudy

"The study of Latitude Dependence of Number Counts of Stars and Galaxies Within the Solar Neighborhood",
Shafna Kishore, Sacred Heart College, Chalakkudy

"Gaia view of a Warp in the outer disk of the Large Magellanic Cloud",
Saroon S., Amrita University

"Searching The Optical and UV Counterparts of Candidate Millisecond Pulsars",
Anmmaria J Puthur, Vimala college, Thrissur

About The Meeting

This is the sixth regional meeting on "Research in Astronomy: Opportunities and Challenges". We believe that this workshop will help to commence and enhance active research collaborations within Astronomy researchers in the region. As in the earlier meetings, it is earnestly hoped that this meeting will turn out to be a venue for fruitful discussions, sharing of scientific results, and beneficial collaborations among the researchers in the region.

Prof: Ranjeev Misra (IUCAA)
Dr. Vivek.M (IIA)

Dr. Joe Jacob (Newman College)
Dr. Biju KG (WMO College, Muttill)

Highlights of the meeting:

- 9 Review talks by Senior Astronomers
- 22 Research talks by PhD students and Post Doc
- 14 Lightning talks by MSc students


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