

22ND INTERNATIONAL CONFERENCE OF INTERNATIONAL ACADEMY OF PHYSICAL SCIENCES



(CONIAPS XXII)

On

EMERGING TRENDS IN PHYSICAL SCIENCES

APRIL 13-15, 2018

Organized by

FACULTY OF SCIENCE

DR. RAM MANOHAR LOHIA AVADH UNIVERSITY, FAIZABAD-224001, U.P., INDIA



OBJECTIVES: The 22nd International Conference of International Academy of Physical Sciences (CONIAPS XXII) on Emerging Trends in Physical Sciences aims to provide an opportunity to Researchers and Professionals from Institutes, Universities, Colleges and Industries across the world to share their recent researches and views in different fields of Physical Sciences and their Applications for the ultimate benefit of the Society. The conference will embrace Keynote Address, Fellowship Award Lectures, Swami Bhajananand Saraswati Vedic Science Award Lecture and other Plenary Lectures, Invited Lectures, Young Scientist Award (YSA) presentations and Paper Presentations (oral and poster). CONIAPSXXII will include a broad set of research areas related to Physics, Chemistry, Mathematics, Statistics, Electronics and Applied Physics, Material Sciences, Computer Sciences and Informatics, Bio-Informatics, Bio-Physics, Bio-Chemistry, Bio-Technology and Earth Sciences.

THE IAPS: International Academy of Physical Sciences (IAPS), established on December 4, 1994 with its headquarters at Allahabad, is conceived as a scientific body incorporating various branches of Physical, Mathematical and Earth Sciences such as Physics, Chemistry, Mathematics, Statistics, Geology, Geophysics, Geography, Computer Science, Biochemistry, Biophysics, Bioinformatics etc. The IAPS is a scientific organization of recent origin but it has already made its mark by involving in it through membership, fellowship and its activities, a large number of scientists of India and abroad, and its publications are helping in the expansion of scientific knowledge. It has organized twenty one international conferences and several symposia on interdisciplinary themes in collaboration with reputed institutions in India and abroad so far.

THE HOST INSTITUTION: Dr. Ram Manohar Lohia Avadh University (formerly known as Avadh University), one of the premier Universities in Uttar Pradesh Province of India, was established on March 4, 1975. Its residential setup is decorated with 09 regular PG departments, 13 self financed UG/PG departments, 03 Research Chairs and an Institute of Engineering & Technology. All of the five PG Science Departments namely Department of Physics & Electronics, Department of Mathematics & Statistics, Department of Biochemistry, Department of Microbiology and Department of Environmental Sciences have been accorded 'Centre of Excellence' by the State Government. The University at present is catering to about 7 lakh regular/private students through its residential wing and more than 600 affiliated colleges (spread over in the 8 adjacent districts) including 05 Medical Colleges, 04 Dental Colleges and 13 Nursing Colleges.

THE CITY OF AYODHYA-FAIZABAD: The twin city Ayodhya-Faizabad is situated on the bank of Holy river Saryu, about 127Km east of Lucknow, the capital of U.P. province of India. The foundation of Faizabad city was laid by Nawab Saadat Khan (second Nawab of Awadh) whereas the city of religious and mythological importance, Ayodhya, is believed to be the birth place of Lord Rama. Ayodhya worldwide is known as one of the prime religious centers of Hindu pilgrimage. There exist over 1500 Hindu temples, 05 Jain temples, 04 Sikh Gurudwaras, over 100 of Muslim shrines and monuments, and several folk monuments. Important tourist places of Faizabad are Gulab Bari, Bahu Begum Maqbara, Guptar Ghat, Bharat Kund, Cantonment Garden whereas prime places of religious & tourists importance in Ayodhya are Hanuman Garhi, Saryu Ghat, Nageshwar Nath temple, Kanak Bhawan, Rang Mahal temple, Jhunki Ghat garden, Ayodhya Research Centre, International Ram Katha Museum, Memorial to Korean Queen Huh etc.

REGISTRATION FEES

Dead line for Early Registration	Participants from	General	Non stipendiary students	In absentia presentation (all categories)
March 20, 2018	SAARC Countries	Rs. 3000	Rs. 2000	Rs. 6000
	Other Countries	\$100	\$75	\$200

- For each accompanying person extra Rs. 2000 (SAARC countries)/\$100 (Other Countries)
- A rebate of 10% in registration fee for Life Members of the IAPS
- Registration fee can be paid in Cash/Demand Draft/online. The Demand Draft in favour of "CONIAPSXXII" payable at FAIZABAD, be sent to Prof. S. N. Shukla, Department of Physics & Electronics, Dr. Ram Manohar Lohia Avadh University, Faizabad-224001, U.P., India
- Details for online registration fee are as follows:
Account Name: CONIAPS XXII, Account Number: 37307313683, Bank: STATE BANK OF INDIA, Avadh University Branch, IFSC Code: SBIN0018450, MICR Code: 224002012, Swift Code: SBININBB157

HOSPITALITY: Delegates registered on or before **March 20, 2018** will be provided accommodation (on share basis), conference material, breakfast, lunch and dinner. **Delegates registered after March 20, 2018 will have to make their own arrangements for accommodation.** Facility of paid Tour Package and Heritage Walk may also be provided during conference (Find details at conference web-link).

HOW TO REACH: The twin city of Ayodhya-Faizabad is well connected with important cities of India by rail and roads. National Highway NH-28 connects Lucknow (130 km west) and Gorakhpur (145 km east) with Faizabad whereas NH-96 connects Faizabad with Allahabad (167 km south) and State Highway SH-27 connects Varanasi (200 km south-east) to Faizabad. Nearest airport to the

University is Lucknow-Airport which is 140 Kms from the city. Other nearer airports are Varanasi airport, about 190 km away and Allahabad airport, about 180 km away from the twin city Ayodhya-Faizabad.

CONFERENCE COORDINATION COMMITTEE:

PATRON: Prof. Manoj Dixit, Vice-Chancellor, Dr. R.M.L. Avadh University, Faizabad
CHAIRMAN: Prof. Raj Kumar, Dean, Faculty of Science, RMLAU
CONVENER: Prof. S. N. Shukla, Physics & Electronics Department, RMLAU
CO-CONVENER: Prof. C.K. Mishra, Mathematics & Statistics Department, RMLAU
ORGANIZING SECRETARY: Dr. S. S. Mishra, Maths & Statistics Department, RMLAU
MEMBER: Prof. P. N. Pandey, General Secretary, IAPS
MEMBER: Shri Rakesh Kumar Tripathi, Finance Officer, RMLAU
MEMBER: Prof. R. L. Singh, Biochemistry Department, RMLAU
MEMBER: Prof. L. S. Singh, Mathematics & Statistics Department, RMLAU
MEMBER: Prof. Rajeev Gaur, Microbiology Department, RMLAU
MEMBER: Prof. Jaswant Singh, Environmental Sciences Department, RMLAU
MEMBER: Prof. S.K. Raizada, Mathematics & Statistics Department, RMLAU
MEMBER: Prof. K. K. Verma, Physics & Electronics Department, RMLAU
MEMBER: Prof. S. R. Vishwakarma, Physics & Electronics Department, RMLAU
MEMBER: Dr. Farookh Jamal, Biochemistry Department, RMLAU
MEMBER: Dr. R.K. Singh, Librarian, Central Library, RMLAU
MEMBER: Dr. S. K. Tiwari, Mathematics Department, K.S. Saket PG College, Ayodhya
MEMBER: Shri Sanjay Kumar, Registrar, RMLAU

INTERNATIONAL ADVISORY COMMITTEE:

Prof. K. B. Pandeya, President, IAPS, Allahabad, India
Prof. Tankeshwar Kumar, VC, G. J. University of Science & Technology, Hisar, India
Prof. Michel Nguiffo Boyom, IMAG, University of Montpellier, France
Prof. M. Nakamura, Toho University, Japan
Prof. Anatoly N. Filippov, Gubkin Russian State University of Oil and Gas, Moscow
Prof. O. D. Makinde, Stellenbosch University, South Africa
Prof. Rajeev Manohar, University of Lucknow, India

EXECUTIVE COUNCIL OF IAPS

PRESIDENT: Prof. K. B. Pandeya, Allahabad, Uttar Pradesh, India
VICE PRESIDENT: Prof. H. S. Dhami, Almora, Uttarakhand, India
VICE PRESIDENT: Prof. P. R. Sharma, Jaipur, Rajasthan, India
VICE PRESIDENT: Prof. P. K. Bajpai, Bilaspur, Chattisgarh, India
GENERAL SECRETARY: Prof. P. N. Pandey, Allahabad, Uttar Pradesh, India
SECRETARY: Prof. J. P. Chaturvedi, Gorakhpur, Uttar Pradesh, India
SECRETARY: Prof. S. K. Narasimhamurthy, Shimoga, KA, India
SECRETARY: Prof. C. K. Mishra, Faizabad, Uttar Pradesh, India
SECRETARY: Prof. B. K. Tiwary, Puducherry, India
TREASURER: Prof. Ravindra, Dhar, Allahabad, Uttar Pradesh, India
CHIEF EDITOR, JOURNAL IAPS: Prof. R. B. Misra, Lucknow, Uttar Pradesh, India
EXECUTIVE EDITOR, JOURNAL IAPS: Prof. D. Pandey, Meerut, Uttar Pradesh, India
EXECUTIVE SECRETARY: Dr. Ramij Rahaman, Allahabad, Uttar Pradesh, India
COUNCILLOR: Prof. H. S. Shukla, Gorakhpur, Uttar Pradesh, India
COUNCILLOR: Prof. A. K. Mishra, Chennai, Tamilnadu, India
COUNCILLOR: Prof. M. K. Sharma, Hisar, Hariyana, India
COUNCILLOR: Prof. S. K. Awasthi, Delhi, India
COUNCILLOR: Dr. Anjali Goswami, Saudi Arabia
COUNCILLOR: Dr. M. K. Gupta, Bilaspur, Chattisgarh, India
COUNCILLOR: Dr. Bharat Dholkia, Surat, Gujrat, India
COUNCILLOR: Dr. Yumnam Rohen, Imphal, Manipur, India

SUBMISSION OF PAPERS: Abstract of research papers intended for presentation be uploaded on the conference web-link <http://rmlau.ac.in/coniapsxxii> as the MS-word file latest by **February 20, 2018**. Template for abstract compilation is available on the conference web-link. The abstract restricted to maximum 500 words, must contain the title of the paper, name of each author with affiliation and email address. The name of the presenting author must be underlined. Papers presented in the Conference will be published in the Journal of IAPS after review.

IN ABSENTIA PAPER PRESENTATION: Papers to the conference may also be presented in absence of the author. To avail this facility, one has to upload his contribution (Full length paper & PPT) at the option available on the conference web-link <http://rmlau.ac.in/coniapsxxii>. Respective PPT with background sound of the author/presenter, describing each slide, is needed for the purpose. The uploaded PPT will be displayed during the presentation session in absence of the author/presenter and accordingly an 'Online Presentation Certificate' will be issued in his favour. Full length paper uploading is also must for such presenters.

YOUNG SCIENTIST AWARD (YSA): Contributors with age below 35 years as on **April 13, 2018** may send their single authored (may be with supervisor) full research paper, not a published work, latest by **February 20, 2018** for YSA presentation.

CORRESPONDENCE:

Dr. S.S. Mishra, Organizing Secretary, CONIAPSXXII
Department of Mathematics & Statistics,
Dr. Ram Manohar Lohia Avadh University, Faizabad-224001, UP, India.
Email: coniapsxxii@gmail.com
Mob:- +91-9208496286/ +91-9721336701 / +91-9415188149
For more details see CONIAPSXXII web-link: <http://rmlau.ac.in/coniapsxxii>