



INTERNATIONAL WORKSHOP ON RECENT MATERIALS FOR HEALTHCARE & INDUSTRIAL APPLICATIONS (IWRM-2018)

January 22- 23, 2018

Organized by

Department of Medical Physics

Jointly with

Department of Chemistry & Crystal Growth Centre

Anna University, Chennai – 600 025

PATRONS

Thiru. Sunil Paliwal, I. A. S.

Principal Secretary, Department of Higher Education
Government of Tamil Nadu

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Commissioner of Technical Education
Government of Tamil Nadu

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Dean, CEG Campus, Anna University

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Department of Medical Physics, AU

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- **Dr. I. Ferguson, Missouri Univ. of Sci. & Tech., USA**
- **Dr. Ammasi Periasamy, Univeristy of Virginia, USA**
- **Dr. Aldo R. Boccaccini, Int. of Biomaterials, Germany**
- **Prof. Thomas Webster, Snell Engineering Centre, Boston**

TENTATIVE LIST OF INVITED SPEAKERS

- **Dr. C. Ferrari, IMEM, Parma, Italy**
- **Dr. V. Ganesan, IUAC-DAE, Indore**
- **Dr. Palanivel Ganesan, Konkuk University, South Korea**
- **Mr. S. Swaminathan, Drishtee Naturals Pvt. Ltd, Bangalore**
- **Ms. Aakash Varsha, University of Wisconsin, USA**
- **Prof. Murugesan, Petronas University, Malaysia**
- **Dr. K. P. Senthilnathan, Apollo Hospitals, Chennai**
- **Dr. P. Rajkumar, Cancer Institute, Chennai**
- **Dr. Suresh Rayale, IIT Madras, Chennai**
- **Dr. R. S. Jayasree, SCTIMST, Trivandrum**
- **Dr. R. Jayakumar, AIMS, Kochi**
- **Prof. M. Kamaraj, IITM, Chennai**
- **Dr. T. Sundararajan, Wheels India**

TOPICS

- ✓ Photonics
- ✓ Nanomaterials
- ✓ Biomaterials
- ✓ Dental Materials
- ✓ Medical Devices
- ✓ Materials and Devices
- ✓ Artificial Organs
- ✓ Smart Devices
- ✓ Sensors
- ✓ Industrial Materials

ABOUT ANNA UNIVERSITY

Anna University is the premier institution in India which was formed in 1978 by integrating four technical institutions including College of Engineering Guindy (CEG) Estd.-1974, Alagappa College of Technology (A.C.Tech.) Estd.-1944, Madras Institute of Technology (MIT) Estd.-1957. In addition to the above, Anna University has 13 Constituent Colleges, 3 Regional Campuses. It is committed to provide world class education and research in engineering and applied sciences.

Anna University can proudly claim its active role in promoting the economic and social development of the region by providing high quality manpower through excellence in teaching, research and consultancy. Besides promoting research and disseminating knowledge gained therefrom, it fosters cooperation between the academic and industrial communities

ABOUT THE WORKSHOP

Recent materials with their exotic and tailor made properties have recently become the subject of vigorous research all over the world. These materials have the potential for wide ranging economically viable technological, industrial, engineering and biomedical applications. There is a lot of emphasis on designing materials to perform specific functions to meet the requirements of particular technologies. Material scientists are also looking into the possibility of modifying existing materials so as to functionalize them for specific applications. Much work is currently in progress trying to understand the underlying science and characterization of these materials with a view to harnessing their desired properties with a focus of application in healthcare and industrial application

DEPARTMENT OF MEDICAL PHYSICS

The department of Medical Physics program promotes the application of Physics to medicine and biology, encourage R&D in medical Physics and related fields and develop man power. As a consequence of the technological evolution of the discipline there are numerous opportunities in academia and clinics in medical physics and biomedical engineering to provide better diagnosis and treatment of diseases.

DEPARTMENT OF CHEMISTRY

The faculty members in the Department of chemistry are actively involved in research in thrust areas such as polymer chemistry, heterogeneous and biocatalyst, analytical chemistry/ environmental analytics, corrosion, nano chemistry and theoretical chemistry. The faculty members have international research collaborations and have collectively published nearly 750 research papers in internationally reputed journals.

CRYSTAL GROWTH CENTRE

Crystal Growth Centre, Anna University, Chennai, India is an internationally acclaimed centre of excellence in the field of crystal growth research and technology. The centre is recognized by University Grants Commission as Crystal Growth Centre-UGC: Anna University Facility (National Facility) for the welfare of the researchers in India.

ABSTRACT - LAST DATE 18th JAN 2018

Abstract is invited from the students for poster presentation. Awards will be given for 3 best poster presentations.

REGISTRATION FEES PAY ON OR BEFORE 19th JAN 2018

Faculty/ Scientist	: ₹ 2000
Students	: ₹ 500
Industries	: ₹ 3000
Overseas participants	: USD 200

VENUE :

TAG Auditorium, Anna University, Chennai

ADDRESS FOR CORRESPONDENCE

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REGISTRATION FORM

1. Name :
2. Age & Sex :
3. Designation :
4. Institution /Organization :
- Address for correspondence :
- Mobile Number / Email ID :
5. Whether accommodation needed : Yes / No
(On payment basis)

6. Title of the Paper :
7. Details of Registration fee :

a. (For online payment)

Account Name : "Head, Department of Medical Physics"
Name of the Bank : SBI, Anna University Branch, Chennai
A/C No. : 32308973962
IFSC Code : SBIN0006463
MICR Code : 600002039
SWIFT Code : SBININBB291

b. (DD Details)

Amount :
DD No. :
Date :
Bank Name :

8. Participant Category (Please tick) Industry / Academic/R&D/Student

Date:

Signature of the Applicant