

# HEALTHY WORLD CONFERENCE 2015

A HEALTHY WORLD FOR A HAPPY LIFE



Kakinada (AP) India,  
September 5-7, 2015

*Hosted by: Jawaharlal Nehru Technological University Kakinada – JNTUK  
in collaboration with  
Western Switzerland University of Applied Sciences  
Haute École d'Ingénierie et de Gestion du Canton Vaud – HEIG-VD*

## FINAL PROGRAM



**Saturday, September 5**

**08.45 HWC2015 REGISTRATION**

**09.00 OPENING OF THE CONFERENCE AND SCIENTIFIC SPEECHES**

- **Keynote address: Sport studies: from biomechanics to neurophysiology: sport performance studies in the new century will be focusing on brain** Enrico M. Staderini (*Haute École d'Ingénierie et de Gestion du Canton Vaud, Western Switzerland University of Applied Sciences*)
- **Development in bio-Medical engineering and healthcare at BARC** D.N. Badodkar, C.K. Pithawa (*Bhabha Atomic Research Centre, Mumbai*)
- **Globalization of health care** K. Ravindranath (*Global Hospital Group, Hyderabad*)
- **Newer trends in vaccine technology** K.I. Varaprasad Reddy (*Shantha Biotechnics, Hyderabad*)

**11.30 TEA BREAK**

**11.45 INAUGURAL FUNCTION**

- Inaugural function, Best Teacher Felicitation
- Teacher's Day, Dr. Sarvepalli Radhakrishnan's celebration
- Launching of bio-products

**13.00 LUNCH BREAK**

**14.15 SCIENTIFIC SPEECHES**

- **Biomolecular medicine, the modern curative** Krishna Prasad Moturi (*Bio-green Remedies, Hyderabad*)
- **Tuberculosis – Current scenario** Alladi Mohan (*Sri Venkateswara Medical College, Tirupati*)
- **Diabetes – The ticking bomb and technology in diabetes care** Rakesh Sahay (*Nizam's Institute of Medical Sciences, Hyderabad*)
- **Electronics and its applications in health care (diagnostic tools for detecting brain diseases, latest EEG)** Valentina E. Bălaș (*"Aurel Vlaicu" University of Arad – Romania*)
- **Effects of local vibration therapy on lower limb's sensorimotor control in workers suffering from diabetic foot – state of the art and study on a new prevention and therapeutic system** Sandro Gentili, L. Uccioli, S. Mugnaini, D. Lella, M. Richetta, A. Magrini (*"Tor Vergata" University Hospital, Rome*)

**16.00 TEA BREAK**

**16.15 STUDENT PRESENTATIONS**

**18.00 CULTURAL PROGRAM: CLASSICAL INDIAN DANCE**

**20.00 DINNER AND GET-TOGETHER**



**Sunday, September 6**

**08.45 HWC2015 REGISTRATION**

**09.00 SCIENTIFIC SPEECHES**

- **Keynote address: Early diagnosis of cancer and technological advances in cancer management** Palanki Satya Dattatreya (*Omega Hospital, Hyderabad*)
- **Adult vaccination in the Indian scenario** Y.S.N. Raju (*Nizam's Institute of Medical Sciences, Hyderabad*)
- **Implications of poly-pharmacy in senior citizens** K.P.R. Chowdary (*Vikas Institute of Pharmaceutical Sciences, Rajahmundry*)
- **Sport nutrition, fitness** M.V.L. Surya Kumari (*G. Narayamma Insitute for Technology and Science (for women), Hyderabad*)

#### 11.15 TEA BREAK

#### 11.30 SCIENTIFIC SPEECHES

- **Silicon photomultipliers for PET scanners** Vinod. K. Madan (*Model Institute of Engineering and Technology, Jammu*)
- **Current status in India about animal experimentations studies** P. Suresh (*National Centre for Laboratory Animal Sciences, National Institute of Nutrition, Tarnaka Hyderabad*)
- **Mechanical properties of human dentin Part I – Measurement of elastic modulus and damping by mechanical spectroscopy** I. Cappelloni, R. Montanari, M. Richetta, S Gentili (*Department of Industrial Engineering "Tor Vergata" University of Rome, Italy*)
- **Mechanical properties of human dentin Part II – Measurement of local characteristics by FIMEC indentation test** L. Ciambella, I. Cappelloni, R. Montanari, M. Richetta, S Gentili (*Department of Industrial Engineering "Tor Vergata" University of Rome, Italy*)

#### 13.00 LUNCH BREAK

#### 14.00 SCIENTIFIC SPEECHES

- **Peripheral pulse analysis for prognosis of coronary heart disease** Vineet Sinha, R.K. Jain, Sadhana A. Mandalik, Gopal Joshi, D.Das, C.K. Pithawa, Alaka K. Deshpande (*Electronics Division, Bhabha Atomic Research Centre, Mumbai, India and Department of Medicine, Grant Medical College and JJ Hospital, Mumbai*)
- **Stem cell technology** G.V.V.S. Kanaka Bhushanam (*KIMS Foundation and Research Centre, Hyderabad*)
- **Effects of local vibration therapy on upper limb's sensorimotor control in workers suffering from Parkinson's disease – state of the art and study on a new prevention and therapeutic system** Sandro Gentili, S. Mugnaini, S. Lanzi, M. Richetta, A. Pietroiusti (*"Tor Vergata" University Hospital, Rome*)
- **Parkinson's disease: much more than a neuro-motor disability. Study on motor-cognitive and perception related aspects in patients in working age through a valuable tool: the Handforce** S. Gentili, S. Mugnaini, L. Polverigiani, S. Capici, M. Richetta, E.M.Staderini (*"Tor Vergata" University Hospital, Rome and Haute École d'Ingénierie et de Gestion du Canton Vaud, Western Switzerland University of Applied Sciences*)
- **About naturopathy and human health** M. Neeraja Reddy (*Gandhi Naturopathic Medical College, Begumpet Hyderabad*)

#### 16.00 STUDENT PRESENTATIONS

#### 18.00 CULTURAL PROGRAM: INDIAN MUSIC

#### 20.00 DINNER AND GET-TOGETHER



**Monday, September 7**

#### 09.00 SCIENTIFIC SPEECHES

- **Keynote address: (Sport related topic t.b.a.)** A.M. Murthy (*Tamil Nadu Physical Education and Sports University*)
- **Rural health and technology (public health standpoint)** P.S. Prasad (*Jawaharlal Nehru Technological University Kakinada, Kakinada*)
- **Biophenols and their role in health care system - A new perspective** Vedula Rajeswara Rao (*National Institute of Technology Warangal*)
- **Hand held 12 channel tele ECG machine** Vineet Sinha, R.K. Jain, Sadhana A. Mandalik, Gopal Joshi, D.Das, C.K. Pithawa, Hemant Haldavnekar (*Electronics Division, Bhabha Atomic Research Centre, Mumbai and Occupational Health Centre, Bhabha Atomic Research Centre, Mumbai*)

#### 11.15 TEA BREAK

#### 11.30 VALEDICTORY CEREMONY

- **Review of the session** I. V. Chalapati Rao (*Retired after having served in various positions for several prestigious institutions, Kakinada*)
- **Certifications presentations to Physicians and Students and Participants** Lt. Gen. Dr. A.S. RAO, PVSM, AVSM (*Medicity Institute of Medical Science, Aliyabad - Vill, Shamirpet - Mandal, Secunderabad*)
- **Closing remarks** Enrico M. Staderini (*Haute École d'Ingénierie et de Gestion du Canton Vaud, Western Switzerland University of Applied Sciences*)

#### 13.00 LUNCH BREAK