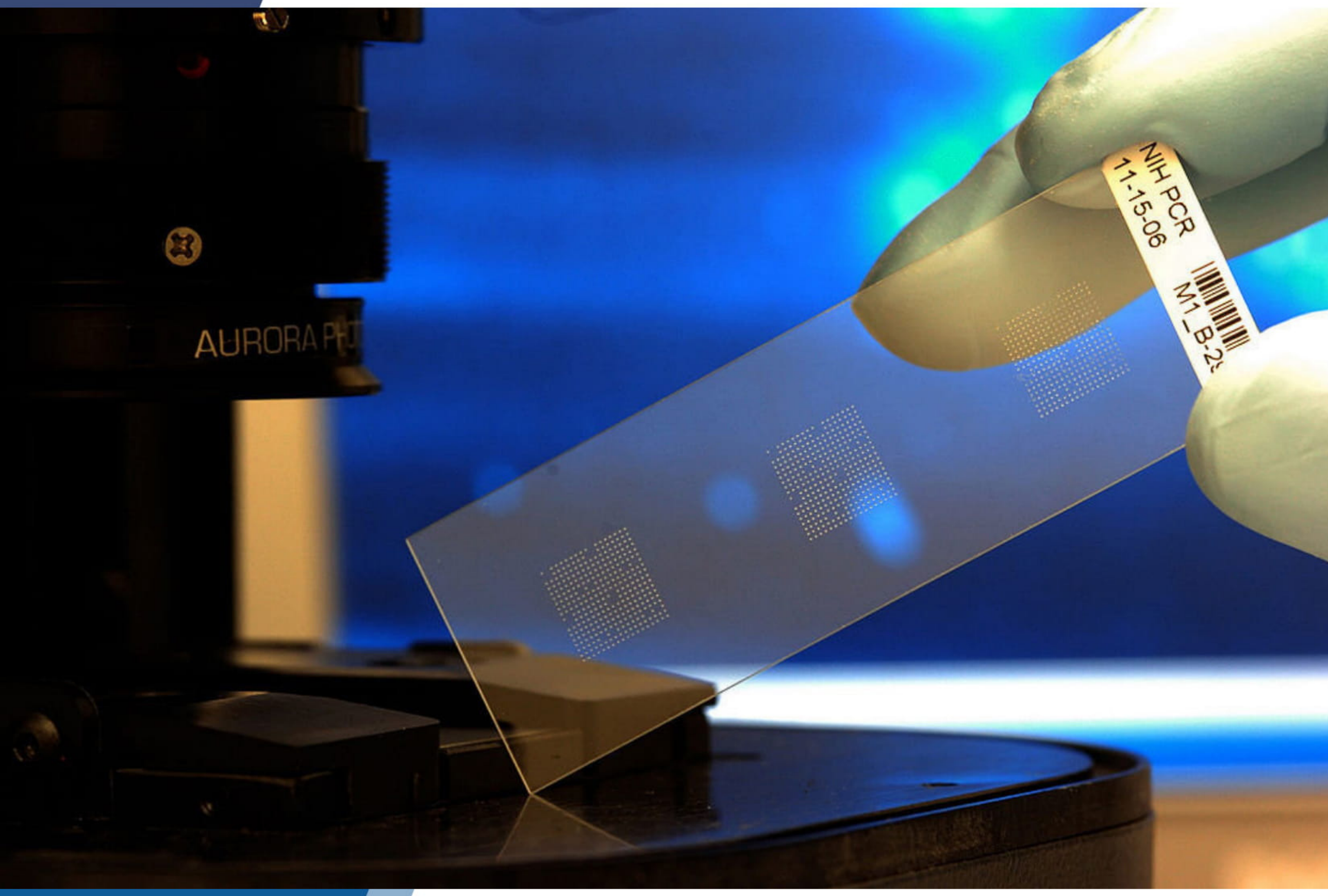
Tentative Program

10th International Conference & Exhibition on

Biosensors & Bioelectronics

September 21-22, 2018 | USA



"Research, Design, Development and Application of Biosensors and Bioelectronics"

Conference Secretariat

47 Churchfield Road,
London, W3 6AY,
Email: Biosensors@americanevent.org

Tentative Program

10th International Conference & Exhibition on

Biosensors & Bioelectronics

September 21-22, 2018 | Dallas, USA

Day 1 | September 21, 2018

8:30-9:30 Registrations

09:30-09:50 Opening Ceremony

9:50-10:00 Introduction

Keynote Session

Title: Terahertz imaging of human tissue for cellular level diagnosis

Anis Rahman, President/CTO, Applied Research & Photonics, Inc., USA

Networking and Refreshments Break

Title: RF/Bio MEMS Transducers for microsystems-on-a-chip

Jing Wang, University of South Florida, USA

Keynote Slot Available

Biosensors | Biosensors Applications | Transducers in Biosensors | DNA Chips and Nucleic acid Sensors | Bioelectronics | Photonic sensor technologies | Biosensing Technologies

Session Introduction

Workshop

Title: Aptamers for quantitative sensing of small molecules using graphene biosensors and surface enhanced raman spectroscopy

George W Jackson, Founder & Chief Scientist, Base Pair Biotechnologies, USA

Oral Session

Title: Automation of biotechnological bioreactor production processes

Tom Zimmermann, Michigan State University, USA

Title: Wireless power transmission to medically implantable device using magnetic wire

Yasushi Takemura, Yokohama National University, Japan

Speaker Slot Available

Lunch Break

Title: Sensory neurons cultured on microelectrode arrays as label-free, non-invasive biosensors for novel analgesic discovery

Bryan J. Black, University of Texas, USA

Title: An impedance biosensor for rapid detection of low concentration of escherichiacoli O157:H7

Mahmoud Almasri, University of Missouri, USA

Title: An approach for liposome immobilization using sterically stabilizedmicelles (SSMs) as a precursor for bio-layer interferometry-based interaction studies

Jakob Wallner, University of Natural Resources and Life Sciences, Austria

Title: Material Science for lab-on-a-chip applications

Al Amirsadeghi, Cello Therapeutics, USA

Speaker Slot Available

Continue…

Tentative Program

Networking and Refreshments Break

Title: TBA

Michael Thompson, University of Toronto, Canada

Title: TBA

Janet Meiling Wang-Roveda, University of Arizona, USA

Speaker Slot Available

Panel Discussion

Networking & B2B Sessions

Day 2 | September 22, 2018

Keynote Session

Title: Applications of Metallic Nanoparticles in Biosensors and Bioelectronics

Mahi R. Singh, University of Western Ontario, Canada

Networking and Refreshments Break

Keynote Slot Available

Biosensors for Imaging | Environmental Biosensors | Bioinstrumentation | Advancement in Nanotechnology | BioMEMS/NEMS | Gas Sensors | Bioengineering Applications

Session Introduction

Title: TBA

Hari Kishan Rao Abbaraju, Avx Corporation, USA

Speaker Slot Available

Speaker Slot Available

Networking and Refreshments Break

Young Research Fourm

Title: Exo-III assisted amplification strategy through target recycling of Hg2+ detection in water: A GNP based label-free colorimetry employing T-rich hairpin-loop metallobase

Abdul Ghaffar Memon, Tsinghua University, China

Title: Inkjet printed 2D biocompatible photodetector for biosensing applications

Ridwan Fayaz Hossain, University of North Texas, USA

Title: Label-free rapid silicon nanotechnology strategy for SERS detection of glycans on live cells

Aisha Bibi, Soochow University, China

Title: A novel chronoamperometric immunosensor for rapid detection of cytokine TNF-α in human saliva

Barhoumi Lassaad, University of Sousse, Tunisia

Lunch Break

Young Research Slot Available

Continue…

Tentative Program

Poster Presentation

BBPP01 **Title: Application of MEMS cantilevers in the label-free single analyte detection to improve quality-factor**
Anupama Aili, University of Texas, USA

BBPP02 **Title: Beyond Mechanics - Directing an integrated gameplay experience**
Maryam Imani, Alzahra University, Iran

BBPP03 **Title: Ultrasensitive Immunosensor platform for TNF-α cytokine detection using magnetic nanoparticles film electrodes in artificial**
Barhoumi Lassaad, University of Sousse, Tunisia

BBPP04 **Title: Greenhouse effect: Greenhouse gases and their impact on global warming**
Williams Kweku Darkwah, Hohai University, China

BBPP05 **Title: Inkjet printed 2D biocompatible photodetector for biosensing applications**
Ridwan Fayaz Hossain, University of North Texas, USA

Award & Closing Cermony

NOTE: Program Schedule is subject to change with final allotment of the speaker slots
For any queries reagrding attendance kindly mail us @

KEYNOTE TALK





Anis Rahman — APPLIED RESEARCH & PHOTONICS INC
Jing Wang — USF
Mahi R Singh — Western Science

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BIOSENSORS & BIOELECTRONICS 2018
21-22 SEPTEMBER
DALLAS, USA

About Venue

Conference Venue



Embassy Suites by Hilton Dallas Near the Galleria

Address - 14021 Noel Rd,
Dallas, TX 75240,
USA

Contact Us
Conference Series LLC Ltd
Biosensors & Bioelectronics 2018
47 Churchfield Road, London, UK, W3 6AY
Toll Free: +1-800-014-8923
Email: Biosensors@americanevent.org

Dallas is a major city in Texas and is the largest urban center of the fourth most populous metropolitan area in the United States. The city proper ranks ninth in the U.S. and third in Texas after Houston and San Antonio. The city's prominence arose from its historical importance as a center for the oil and cotton industries, and its position along numerous railroad lines. The bulk of the city is in Dallas County, of which it is the county seat; however, sections of the city are located in Collin, Denton, Kaufman, and Rockwall counties.

