

Tentative Program

9th Euro Biosensors & Bioelectronics Congress

November 29-30, 2018 Dublin, Ireland



Interactive
Sessions

Keynote
Lectures

Plenary
Lectures

Workshops

Exhibitors

B2B
Meetings

For available speaker slots

<https://biosensors.conferenceseries.com/europe/>

Program at a Glance

November 29, 2018

	Time	Session
Morning	08:00 - 09:00	Registration /Reception
	09:00 - 09:15	Inaugural Address
	09:15 - 10:45	Keynote/Plenary Talks
	10:45 - 10:50	Group Photo
	10:50 - 11:00	Coffee/Tea Break
Evening	11:00 - 13:00	Speaker Sessions
	13:00 - 13:30	Lunch Break
	13:30 - 15:30	Speaker Sessions
	15:30 - 15:45	Coffee/Tea Break
	15:45 - 17:30	Workshop/Symposium

November 30, 2018

	Time	Session
Morning	09:00 - 10:00	Keynote/Plenary Talks
	10:00-10:15	Coffee/Tea Break
	10:15 - 13:00	Speaker Sessions
Evening	13:00 - 13.30	Lunch Break
	13:30 - 15:30	Speaker Sessions
	15:30 - 15:45	Coffee/Tea Break
	15:45 - 17:30	Workshop/Symposium

Note: Slots Available for keynote/plenary sessions, Speaker sessions and Workshops.

For details, contact eurobiosensors@annualconferences.org

Note: Program Shedule is subject to change with final allotment of the speaker slots

For more Details Ps: <https://biosensors.conferenceseries.com/europe/>

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PROVISIONAL PROGRAM

Tentative Speakers

Title: Optical optimization for a SPRi-based electronic nose capable of highly-selective VOC detection

Sophie Brenet, Master in Nanoscience and Nanotechnologies at the University Grenoble Alpes

Biography: After general studies centered on Chemistry at the interface with Biology and Physics, I did a Master in Nanoscience and Nanotechnologies at the University Grenoble Alpes (UGA). I am currently doing a PhD with a DGA-MRIS and CEA scholarship, in the laboratory Molecular Systems and Nanomaterials for Energy and Health, a joint research unit between CEA, CNRS and UGA, where I develop an opto-electronic nose using surface plasmon resonance imaging.

Title:

Immobilization of ssDNA on Fe₃O₄ magnetic Nano particles by new chemical method

Maryam Imani, Department of Biotechnology, Department of Biological Sciences, Alzahra University

Biography: Maryam imani has completed her Bsc in genetic at the age of 21 years from shahid bahonar university(2013). She is working as genetic counsellor in satate of welfare organization of IRAN since 2014. she is studying Msc of biophysic at alzahra university. Interested field of research is: Genetic, molecular sensing, DNAbiosensorr, nanotechnology and MEMs.

Title: Application of SERS with Raman reporter-labelled metallic nanoparticles for latent fingerprint enhancement

Bobmanuel Echeonwu, Federal College of Veterinary and Medical Laboratory Technology

Biography: Bobmanuel Echeonwu is a Biomedical and Forensic Scientist. He has over ten years of clinical and academic experience as a Biomedical scientist and lecturer assistant in diagnostic Histopathology and Cytogenetics. As an Erasmus Mundus scholar, He has completed three masters of forensic science (MFSc) degrees from the University of Lincoln (UK), Universidad de Cordoba (Spain) and Instituto Superior de Ciencias da Saude Egas Moniz (ISCSEM), Lisbon, Portugal.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Development and evaluation of SPR sensor platforms based in specific T. cruzi antigens

Cecilia Yamil Chain, Research Institute of Theoretical and Applied Physical Chemistry (INIFTA) at La Plata

Biography: Cecilia Yamil Chain has her expertise in designing and development of biosensors intended to improve the diagnosis and detection of prognosis markers of South American infectious diseases. She has built this project on the basis of her grade formation as Biochemist and the expertise in biosensors and nanotechnology of her group in the Research Institute of Theoretical and Applied Physical Chemistry (INIFTA) at La Plata. She is also a Professor at the National University of La Plata.

Title: Mediator probes for electrochemical DNA detection: Universal electrode functionalization for specific detection of different targets

Martin Trotter, Hahn-Schickard, Freiburg

Biography: Martin Trotter studied Medical Engineering (B.Sc.) and Microsystems Engineering (M.Sc.). He currently focusses on electrochemical sensors for nucleic acid detection. This includes also related topics such as functionalization of electrode materials, amplification procedures – PCR as well as isothermal approaches, electrode miniaturization and their integration in microfluidic chips for low-cost production.

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

Biography: Memon Abdul Ghaffar is a PhD scholar in the School of Environment, Tsinghua University, His area of research is label-free colorimetric biosensor for water environment monitoring. He is affiliated with the Modern Environmental Monitoring Technology lab of the State Key Joint Laboratory of Environmental Simulation and Pollution Control (ESPC), Center for Sensor Technology of Environment and Health, School of Environment, Tsinghua University, Beijing 100084, China.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Integrated bio/nano lab-on-chip devices for high throughput analysis

Sara Mahshid, McGill University

Biography: Sara Mahshid is an Assistant Professor in the Department of Bioengineering at McGill University since August 2017. She is also an associate member in the Department of Biomedical Engineering in the Faculty of Medicine. She received her PhD in 2011 in the field of Materials Science and Engineering from Sharif University of Technology. There she developed a novel nanostructured biosensor for detection of dopamine and glucose. During her PhD she was a research fellow at the Laboratory of Biosensing/ Chemometrics at Hunan University (China). She joined McGill University and Genome Quebec Innovation Centre as a postdoctoral fellow in 2012 after a short appointment as a lecturer at Monash University Sunway campus.

Title: A universal approach for electrochemically DNA detection based on mediator displacement LAMP

Zahra Bagheryan, University of Freiburg

Biography: Zahra Bagheryan studied Pure Chemistry (BSc), analytical chemistry (MSc) and electrochemistry (PhD). Her research interest covers electrochemistry nanobiotechnology, biosensors, DNA, and aptamer arrays. She currently focusses on electrochemical sensors for nucleic acid detection which includes some related topics such as amplification procedures (PCR and isothermal approaches), electrode miniaturization and microfluidic

Title: Quencher-free Fluorescent Strategies for Aptasensor Development

Richard Manderville, University of Guelph

Biography: Richard A. Manderville is Professor of Chemistry and Director of the Toxicology Program at the University of Guelph and has authored over 120 publications. He received his Ph.D. degree in organic chemistry from Queen's University (Canada) in 1992 and then performed postdoctoral research at the University of Virginia (U.S.A.), where he studied the interactions of bleomycin anticancer agents with duplex DNA. In 1995, he joined the Department of Chemistry at Wake Forest University in North Carolina (U.S.A.) and began his independent research career in the area of DNA damage. On July 1, 2004, he returned to Canada to continue his research that focuses broadly on the structure, function and biological activity of modified DNA oligonucleotides. Recent discoveries include the construction of fluorescent-modified aptamers for detection strategies.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Ultrasensitive label-free immunosensor based on electrodeposited poly 2, 5-dimethoxyaniline doped with gold nanoparticles-dotted nitrophenyl azo functionalised graphene for sensitive determination of deoxynivalenol in cereals

Christopher Edozie Sunday, University of the Western Cape

Biography: Christopher is a science researcher and quality control manager having multiple years of line production, laboratory and science research experience in the industry and academia. He completed his PhD in Chemistry from University of Western Cape, South Africa in 2014. As a Postdoctoral Research Fellow, he has published and co-authored more than 16 papers in reputed journals. His research focus involves the development of novel ultrasensitive polymeric and graphenated 'smart' nanomaterials for constructing enhanced performance electrochemical sensing platforms, and their application in the fabrication of genosensors for rapid real time detection of biomarkers for mycotoxins and various medical conditions.

Title: Optical biosensors for Quantitative Probing of Cu²⁺ Ions Naturally Present in Single Living Cells

Jung Ho Je, Department of Materials Science and Engineering in POSTECH

Biography: Jung Ho Je has completed his PhD from Korea Advanced Institute of Science and Technology. He is the Director of X-ray Imaging Center and Professor in the Department of Materials Science and Engineering in POSTECH. He has published more than 300 papers in reputed journals and has been serving as an editorial board member of Materials and Scientific Reports.

Title: Label-free rapid Silicon Nanotechnology Strategy for SERS Detection of Glycans on Live Cells.

Aisha Bibi, Soochow University

Biography: Aisha Bibi has completed his Ph.D. from Nanjing University, China in 2016. and short-term postdoctoral studies from Jilin University, Changchun, China, in Nov 2016. Recently, joined the Institute of Functional Nano & Soft Materials (FUNSOM), Soochow University as a Postdoctoral Researcher in Prof. Yao He group in Oct 2017. His research interests focus on silicon nano-material -based biosensors, Bioanalytical Chemistry, Biomolecules, Proteomic and Bioanalytical Mass Spectrometry. He has published 7 papers in reputed journals and has been serving as a reviewer for Talanta, Elsevier and American Journal of Analytical Chemistry.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Single molecule detection via solid state carbon nanopore

Shuangshuang Zeng, Uppsala University

Biography: Shuangshuang Zeng is in his 3rd year of his PhD studies at Uppsala University in Sweden. He obtained his bachelor degree in material physics at University of Science and Technology of China. Currently, his research project concerns a novel electronic device based on solid-state nanopore for DNA sequencing. He has been mainly focused on solid-state nanopore fabrication using different techniques such as direct focused ion beam (FIB) milling and electron beam lithography (EBL) combined with reactive ion etching (RIE). He has expertise in micro and nano fabrication as well as thin film characterization. Chenyu Wen received the B.S. degree in electronic science and technology from Southeast University, Nanjing, China, in 2012. He is currently a Ph.D. candidate at the department of Engineering Science, Uppsala University, Sweden. His research interests include nanopore sensors, electrochemical sensors, bio-sensors and flexible electronics.

Title: Detection of collagenase by degradation of peptide cross-linked poly(ethylene glycol) norbornene using Quartz Crystal Microbalance

Norlaily Ahmad, Queen Mary University of London

Biography: Norlaily is a 4th year PhD student supervised by Dr Steffi Krause from Queen Mary University of London. She is working in development of polymeric biosensor for detection of protease.

Title: Additive Manufacturing for Industry 4.0

Italo Moriggi, Skorpion Engineering srl – Milano - Italy

Biography: The career of Italo Moriggi, founder of Skorpion Engineering, is parallel to that of the world of design and rapid prototyping since their origins. Born in Milan in 1961, after technical studies Moriggi began his professional career in Benson s.r.l as a plotter maintenance technician. Subsequently he obtained a Masters in "business management" at the SDA Bocconi and in 1984 he joined Micrograph S.p.A with tasks of business management, technical management and development of the sales channel.

PROVISIONAL PROGRAM

Tentative Speakers

Title: Efficient Strategies towards Successful Screening and Commercialization

Daria Semenova, Chemical and Biochemical Engineering from the Technical University of Denmark

Biography: Daria Semenova holds a PhD degree in Chemical and Biochemical Engineering from the Technical University of Denmark (DTU). She is currently employed as a postdoctoral researcher working on the optimization of biosensors and microbioreactor technologies for further integration in biotechnology at Process and Systems Engineering Centre (PROSYS), at the Technical University of Denmark (DTU). She also worked at different research groups at A. N. Nesmeyanov Institute of Organoelement Compounds (INEOS) at Russian Academy of Sciences, Moscow, Russia. She published 5 papers in well-reputed academic journals and participated in more than 10 prestige international conferences and congresses with both oral and poster presentations

Title: Electro-Magnetically actuated targeted drug delivery approach using Imaging technology, PID feedback control, and MATLAB

Faizan Saifullah, School of Mechanical and Manufacturing Engineering, National University of Sciences and Technology

Biography: "Faizan Saifullah is an MS student of Robotics and Intelligent Machine Learning at School of Mechanical and Manufacturing Engineering, NUST, H-12 Islamabad, Pakistan and also serving as a faculty in SMME, NUST. He completed his bachelors in Mechanical Engineering from School of Mechanical and Manufacturing Engineering SMME, NUST, H-12 Islamabad Pakistan. As a part of his research activities during his tenure as faculty, he completed a research project entitled 'Magnetically Targeted Drug Delivery Approach using Imaging Technology and PID Feedback Loop System'.

Conference Highlights

- Biosensors
- Biosensing Technologies
- Enzyme-based biosensors
- Biosensor Applications
- Biochips & Nucleic Acid Sensors
- Types of Biosensors
- Bioinstrumentation & Equipments
- Bioelectronics
- Nanotechnology in Biosensors
- Transducers in Biosensors
- Bio-MEMS/NEMS
- Biosensors for Imaging
- Photonic Sensor Technologies
- Environmental Biosensors
- Biosensors & Global Market

For detailed sessions, please visit: <https://biosensors.conferenceseries.com/europe/>

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Glimpses of Euro Biosensors Conferences



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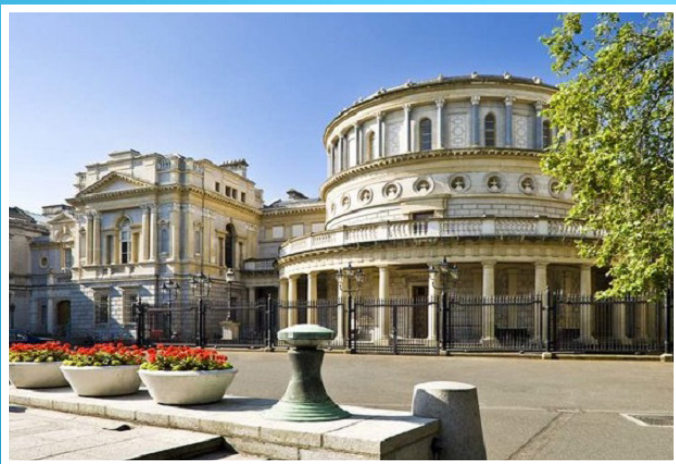
Killiney hill



Moher County



Malahide Castle



National Museum



Samuel Beckett bridge

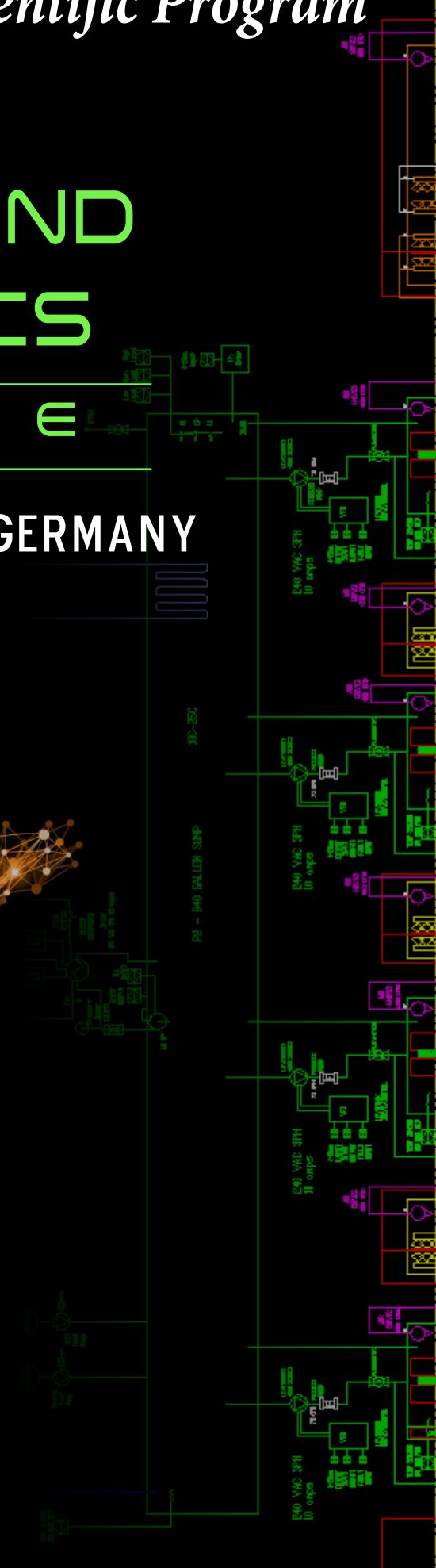
7th EURO
BIOSENSORS AND
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JULY 10-11, 2017

BERLIN, GERMANY



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Opening Ceremony

Keynote Forum

Keynote Forum

Introduction

Title: A new optical high-resolution three-axis sensor for navigation of medical devices

Christian Baumgartner, Graz University of Technology, Austria

Networking & Refreshment Break

Title: Establishing gene expression for early and high-throughput prediction of the hematological acute radiation syndrome

Michael Abend, Bundeswehr Institute of Radiobiology, Germany

Title: New ultrasensitive BDD-biosensor for influenza virus detection

Dawid Nidzworski, SensDx Ltd, Poland

Group Photo & Panel Discussion

Sessions: Biosensors | Bioelectronics | Types of Biosensors | Biosensing Technologies | Nanotechnology in Biosensors | Enzymatic Biosensors | Environmental Biosensors

Session Chair: Hiroyuki Takei, Toyo University, Japan

Session Co-chair: Chirasree Roy Chaudhuri, Indian Institute of Engineering Science and Technology, India

Session Introduction

Title: Multi-pores; controlling and measuring the flow of charged species through tunable nanopores producing a rapid, multiplex assay

Mark Platt, Loughborough University, UK

Lunch Break

Title: Novel approach for multiplex detection of antibiotic residues in milk by means of electrochemical biosensors

Valerie Gaudin, ANSES-Laboratory of Fougères, France

Title: Three types of nanostructure platforms for plasmonics detection of target molecules on a solid surface or in a complex medium

Hiroyuki Takei, Toyo University, Japan

Title: An electrical model for silicon-nanowire electrodes in intracellular signal measurement in biological environments

Alex Hariz, University of South Australia, Australia

Networking & Refreshment Break

Title: Point-of-care nanosensor applied to diagnosis of high morbimortality diseases

Rosa F Dutra, Federal University of Pernambuco, Brazil

Title: Water bodies pollutants screening by nanostructured optical biosensors

Giorgi Shtenberg, Agricultural Research Organization, Volcani Center, Israel

Title: Closed solid state nanopore array - A unique device for ultrasensitive label free impedance biosensors

Chirasree Roy Chaudhuri, Indian Institute of Engineering Science and Technology (IEST), India

Panel Discussion

Keynote Forum

Title: Microfluidic systems for pharma technology - the manipulation of cells, droplets and particles

Andreas Dietzel, Center for Pharmaceutical Engineering (PVZ), Germany

Title: Microfluidic chip ionization source coupling with mass spectrometry

Xiaohao Wang, Tsinghua-Berkeley Shenzhen Institute, China

Sessions: Nanotechnology in Biosensors | Biosensor Applications | Biosensing Technologies | Biochips & Nucleic Acid Sensors | Bioinstrumentation & Equipment's | Bio-MEMS/NEMS | Photonic Sensor Technologies

Session Chair: Andreas Dietzel, Center for Pharmaceutical Engineering (PVZ), Germany

Session Co-chair: Sarmiza Elena Stanca, Leibniz Institute of Photonic Technology, Germany

Session Introduction

Title: Recent and upcoming potential spacecraft missions requiring biosensor technologies: Current examples, what are we looking for and remaining challenges

Ike Chi, California Institute of Technology, USA

Networking & Refreshment Break

Title: Secure accuracy at increased precision of AFM-probe integrated biosensor

Sarmiza Elena Stanca, Leibniz Institute of Photonic Technology, Germany

Title: Detection of gold nanoparticles aggregation growth induced by nucleic acid through laser scanning confocal microscopy

Ramla Gary, University of Calabria, Italy

Title: Detection of pH/H₂O₂ and prostrate/breast cancer biomarker by using nickel-oxide/iridium-oxide sensing membrane in electrolyte-insulator-semiconductor structure

Siddheswar Maikap, Chang Gung University, Taiwan

Title: Bi₁₂GeO₂₀ Faraday crystal application in magnetic field measurement

Slobodan J Petricevic, University of Belgrade, Serbia

Lunch Break

Poster Presentations

EBB 01

Title: Palladium nanostructured single carbon fiber electrodes for detection of early-onset sepsis and oxidative stress

Aaron McConville, Ulster University, UK

EBB 02

Title: Towards practical bacterial biosensor assays for on-site applications

Elizabeth Salvo, McMaster University, Canada

EBB 03

Title: Effect of thermal oxidation on the performance of nanostructured porous Si optical biosensors

Giorgi Shtenberg, Agricultural Research Organization, Volcani Center, Israel

EBB 04

Title: Stabilization of gold and silver nanoparticles for LSPR sensing operating in both visible and near-IR regimes in high salt concentration environments

H Haraguchi, Toyo University, Japan

EBB 05

Title: Development of miniaturized uniaxial cell stretching device

Jaewon Kim, Sungkyunkwan University, South Korea

EBB 06

Title: A novel capacitive biosensor for the detection of small molecule S-nitrosothiols

James Seckler, Case Western Reserve University, USA

EBB 07

Title: Development of an Optimal Bio-Sensor with quantitative Real-time Monitoring of Microbial Hazards in Water Environment

Yoorae Noh, Yonsei University, Korea

EBB 08

Title: Yeast whole cell sensors for the detection of acetic acid in biogas production

Katja Hahne, Technische Universität Dresden, Germany

EBB 09

Title: Butterfly wing scales as a model template for SERS applications

K Nagata, Toyo University, Japan

- EBB 10** Title: **Cu²⁺ detection realized with silicon nanowire ion-sensitive field effect transistor based biosensor**
Olena Synhaivska, University of Basel, Switzerland
- EBB 11** Title: **Synthesis of quantum dots conjugates with antibodies for immunochromatographic analysis**
Ibragimova Sagila Aladdinovna, State University Dubna, Russia
- EBB 12** Title: **Surface modification of a microfluidic channel by a multiple metal layer coating method**
Young Ho Kim, Daegu-Gyeongbuk Medical Innovation Foundation, South Korea

Young Researchers Forum

Title: **Detection of β -thalassemia IVSI-110 mutation by using piezoelectric biosensor for non-invasive prenatal diagnosis**

Umut Kokbas, Cukurova University, Turkey

Title: **Application of twin-working electrode cell in characterizing biological electron mediators**

Mahamudul Hassan, Murdoch University, Australia

Closing Ceremony

Networking & Refreshment Break



Bookmark your dates

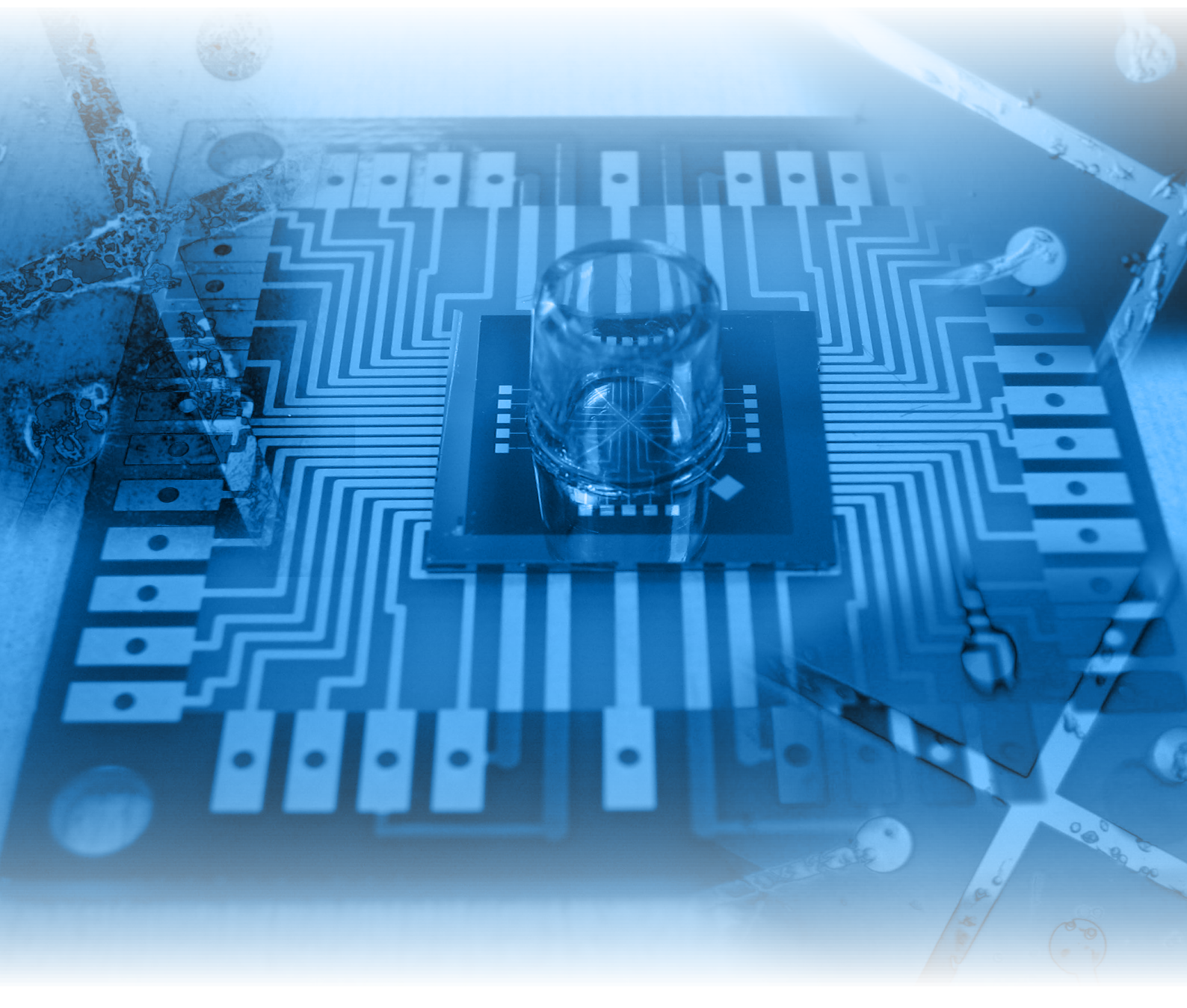
9th Euro Biosensors and Bioelectronics conference
June 04-05, 2018 London, UK

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Scientific Program

5th Euro Biosensors and Bioelectronics Conference

June 30-July 02, 2016 Valencia, Spain



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Valentia C



Opening Ceremony

Keynote Forum

Introduction

Title: Data analytics, the digital patient and simulation in healthcare

C Donald Combs, Eastern Virginia Medical School, USA

Title: Optimal reporters for electrochemical detection of protease activity

Mark Bradley, University of Edinburgh, UK

Networking & Refreshments Break

Title: Magnetic nanoparticles meet microfluidics

Andreas Hütten, Bielefeld University, Germany

Group Photo

Session Tracks

Biosensors | Types of Biosensors | Biochips & Nucleic Acid Sensors | Bioinstrumentation & Equipments | Photonic Sensor Technologies | Nanotechnology in Biosensors | Biosensing Technologies | Biosensor Applications

Session Chair: Zuzana Bilkova, University of Pardubice, Czech Republic

Session Co-Chair: Valery Pavlov, CIC, Spain

Session Introduction

Title: Alkaline phosphatase or Q dots labeled antibody-based electrochemical biosensors for ultrasensitive tumor markers detection

Zuzana Bilkova, University of Pardubice, Czech Republic

Title: An electrochemical biochip based on human hepatic drug metabolising enzymes in the presence of graphene and/or AuNps

Sheila Sadeghi, University of Torino, Italy

Title: A review on surface plasmon resonance and its application as biosensing element

Ritu Sharma, Malaviya National Institute of Technology, India

Lunch Break

Session Chair: Subrayal M Reddy, University of Central Lancashire, UK

Session Co-Chair: Valery Pavlov, CIC, Spain

Title: eDisc – Getting 21st century technology into lab on disc applications

Dario Mager, Karlsruhe Institute of Technology, Germany

Title: Smart materials: Advances in protein-based molecularly imprinted polymer biosensing

Subrayal M Reddy, University of Central Lancashire, UK

Title: Enzymatic synthesis and etching in situ of gold and semiconductor nanoparticles in biosensing

Valery Pavlov, Centro de Investigación Cooperativa en Biomateriales CIC biomaGUNE, Spain

Title: Acoustic and plasmonic biosensors for the detection of different classes of (bio) molecules

Rodica Elena Ionescu, University of Technology of Troyes, France

Title: New ultra-sensitive measurement method in ampere and voltammetry

Vladimir Moshkin, "Sib-STRIM" LLC, Tomsk, Russia

Networking & Refreshments Break

Title: Nucleic acid biosensors for the detection of heavy metal ions

Lingwen Zeng, Wuhan Academy of Agricultural Science and Technology, China

Title: LumiSense - A portable water pollutant monitoring system using whole cell array

Ji-Yen Cheng, Research Center for Applied Sciences, Taiwan

Title: Conducting polymer composite based on nano-cellulose for biosensing application

Mahnaz M Abdi, University Putra Malaysia, Malaysia

Panel Discussion

Valentia C

Keynote Forum

Title: CYBERTONGUE®, a multiplexed biosensing platform where BRET meets flow - for food diagnostic and other applications

Stephen Trowell, CSIRO, Australia

Title: Amperometric biosensors for cancer marker detection using novel dumbbell-like gold-magnetite nanocomposites

Ruey-an Doong, National Chiao Tung University, Taiwan

Title: Photothermal effect of conjugated polymer surfaces for harvesting of live cell sheets

Eunkyoung Kim, Yonsei University, South Korea

Networking & Refreshments Break

Session Tracks

Bioelectronics | Biosensor Applications | Biochips & Nucleic Acid Sensors | Nanotechnology in Biosensors | Biosensing Technologies | Photonic Sensor Technologies | Biosensors for Medical Applications

Session Chairs: Andreas Hütten, Bielefeld University, Germany

Ruey-an Doong, National Chiao Tung University, Taiwan

Session Introduction

Title: Development of modified ferrocenes dna probes for electrochemical SNP sensing

Holly Roberts, University of Birmingham, UK

Title: Ordered DNA fragmentation using soft lithography and amplification for next generation sequencing

NaHyun Cho, Stony Brook University, USA

Title: Parametric electrical modelling of human forearm simulation response using multi-frequency electrical bioimpedance

Gautam Anand, Auckland University of Technology, New Zealand

Title: Role of sympathetic nervous system in rat ovarian ageing

Maritza P Garrido, University of Chile, Chile

Title: DMSA-coated iron oxide nanoparticle greatly affect the expression of genes coding cysteine-rich proteins by its DMSA coating

Ling Zhang, Southeast University, China

Title: Quantifying Skin Stretch induced motion artifact from an Electrocardiogram signal

Anubha Kalra, Auckland University of Technology, New Zealand

Lunch Break

Title: Triboelectric effect as a novel tool for the development and application of point-of-care testing devices

Everson Thiago Santos Geroncio da Silva, State University of Campinas, Brazil

Title: Sequence-specific recognition of DNA oligomer by DNA/DNA hybridization in silicon nitride nanopores

Shengwei Tan, Southeast University, China

Title: The use of the speckle dynamics for the quantitative analysis of micro and macro processes in cultured cells: Theory and experiment

A. P. Vladimirov, Ural Federal University, Russian

Title: Preparation and electrochemical characterization of ZnO based disposable urea biosensors

Sayed Ahmad Mozaffari, Iranian Research Organization for Science & Technology, Iran

Title: Ultrasensitive and selective impedance biosensing platform based on nanoporous silicon oxide

Chirasree Roy Chaudhuri, Indian Institute of Engineering Science and Technology, India

Networking & Refreshments Break

Poster Presentations

- P01** **Title: An amperometric PAMAM G4.0-modified cytochrome P450 biosensor with PAMAM for the concentration-based sensing of caffeine**
Michael Müller, Saarland University, Germany
- P02** **Title: SIGNALMAN: Autonomous in-line biosensors for detection of microorganisms**
Sonia Yadav, Institute of Technology Tallaght, Ireland
- P03** **Title: Study on the effect of electrodeposited palladium nanoparticles to the electrochemical properties of carbon fiber paper electrode**
Chun Lung Lien, National Chiao Tung University, Taiwan
- P04** **Title: Effect of protein layer on the photo-thermal harvesting of cell sheets**
Jongbeom Na, Yonsei University, South Korea

- P05 **Title: All organic triboelectric generator for a self-powered glucose sensor based on an organic electrochemical transistor**
Younghoon Kim, Yonsei University, South Korea
- P06 **Title: Nanostructured platform based on polyaniline/cellulose nanocrystal composite for biosensor application**
Mahnaz M Abdi, University Putra Malaysia, Malaysia
- P07 **Title: Magnetite nanoparticles on paper: A platform for the diagnosis of dengue fever by magnetic -ELISA**
Greter Amelia Ortega Rodríguez, Center for Applied Science and Advanced Technology of IPN, Mexico
- P08 **Title: Surface plasmon resonance sensor based direct target DNA detection via gold nanoparticle signal enhancement without DNA amplification**
Wonhwi Na, Korea University, Korea

Panel Discussion

Awards and Closing Ceremony

Day 3

July 02, 2016

Networking Lunch



Bookmark your dates

Phoenix, USA

September 22-24, 2016

Rome, Italy

June 12-14, 2017

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