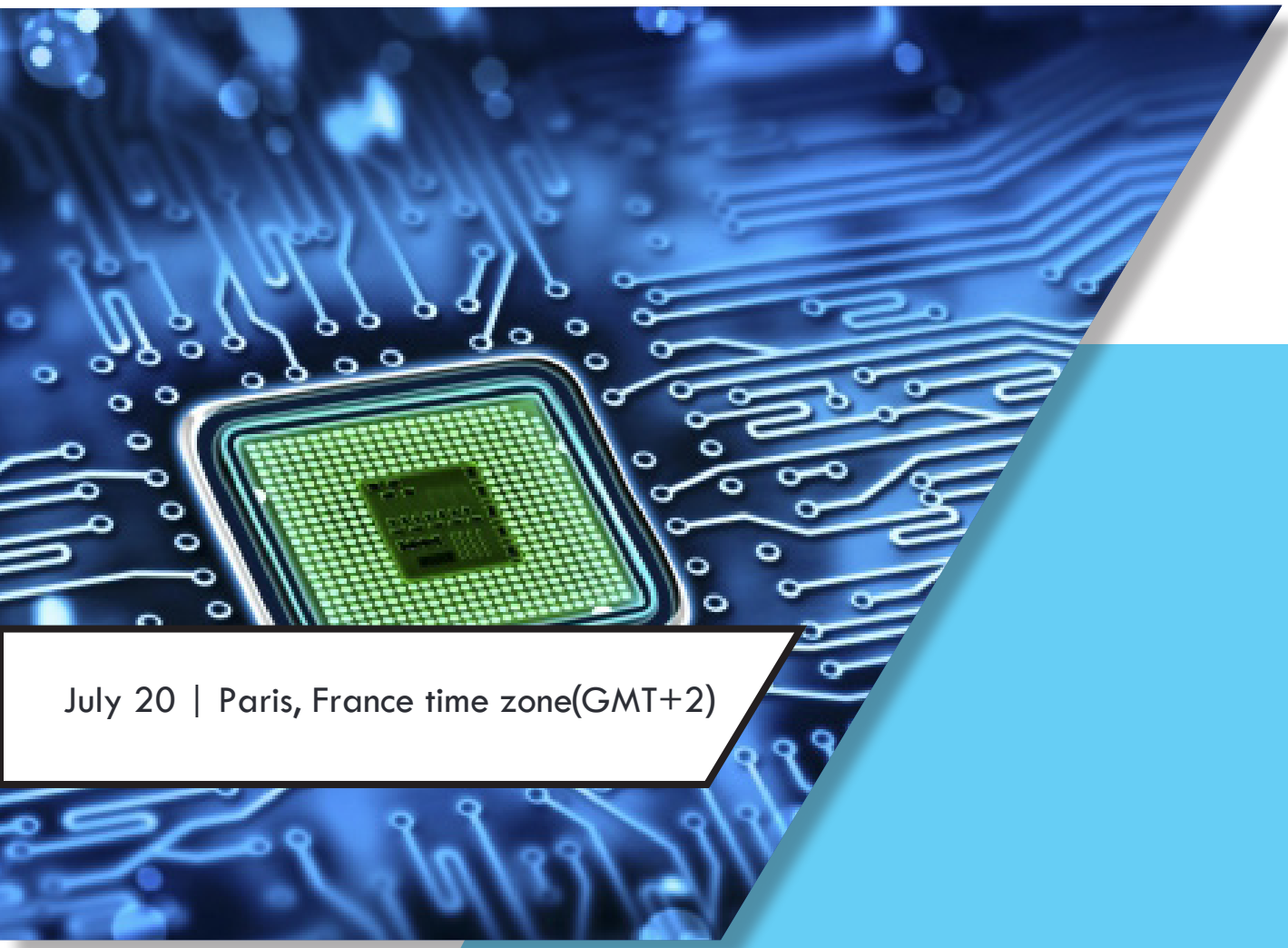
Meetings International

Biosensors and Bioelectronics Webinar 2020

Scientific Program

International Webinar on

Biosensors and Bioelectronics



July 20 | Paris, France time zone(GMT+2)

Theme: Future development and new intervention in biosensors and bioelectronics

www.meetingsint.com/conferences/biosensor-bioelectronics

Dear Colleagues

Meetings International extends its welcome to "International Webinar on Biosensors and Bioelectronics 2020" scheduled on July 20, 2020 in Paris, France time zone with the theme of "Future development and new intervention in biosensors and bioelectronics".

Everyone who explores to strengthen their knowledge and gain extended about advanced technical cleverness is welcome to present/get new ideas. Biosensors congress captivates individuals both from commercial and academic worlds yet establishes a firm link and binds us together with the recent updated accomplishments. We provide a good opportunity by admiring your updated research and also by publishing it in our respective journals. We assure our attendees return to their place with the self-belief to improve their abilities and outfitted with certified approaches to work with us.

Conference Highlights :

- Nanobiosensors, nanomaterials & nanoanalytical systems
- Lab-on-a-chip and multiplexed sensors
- Microfluidics and immobilisation technology
- Commercial biosensors, manufacturing and markets
- DNA- and nucleic acid-based sensors and aptasensors
- Theranostics, implantable and ingestible sensors
- Novel transducers and Photonic Sensor Technologies
- Printed biosensors and microfabrication
- Organism-, whole cell- and organ-based biosensors
- Enzyme-based biosensors
- Smartphone diagnostics, wearable biosensors and mobile health
- Bioelectronics and Bioinstrumentation

Day 1: July 20, 2020	
WebEx Cisco Platform	
Sessions I	
11:00-11:15	Title: Preparation of sm, gd and fe oxide nanoparticle-polydopamine multicomponent nanocomposites
	Kevin Ton, Tripod Nano Technology Corporation, Taiwan
11:15-11:30	Title: Compo-sil®: an emerging substrate for bio-electronics, sensing and healthcare applications
	Anupam Mukherjee, General Silicones Co.Ltd., Taiwan
11:30-11:45	Title: Nanostructures based electronic sensors: from research to deployments
	Jean-Christophe P. Gabriel, Nanyang Technological University, Singapore
11:45-12:00	Title: Design thinking for innovation in bioelectronics engineering
	Mohammed Riyaz Ahmed, Reva University, India
12:00-12:15	Title: Bone fracture detection system using android application
	Arsha S, College of engineering Thalasseri, India
12:15-12:30	Title: Chronopotentiometric in vivo bioassay by using skin tattoo wearable diagnostic sensing smartphone analyzer
	SuwYoung Ly, Seoul National University of Science & Technology, Korea
12:30-12:45	Title: Thread-paper based device for easy and fast glucose determinaton in whole blood samples
	Miguel M Erenas, University of Granada, Spain
12:45-01:00	Title: Novel biosensor methods in SARS-CoV-2 diagnosis
	Ebru Saatci, Erciyes University, Turkey
01:00-01:15	Title: Highly efficient hydrogen peroxide biosensors based on dye-decolorizing peroxidases
	Catarina Barbosa, Nova University of Lisbon, Portugal
01:15-01:30	Title: Lab-on-a-chip photonic biosensors for rapid virus detection
	Aurel Ymeti, NanoBio Research Group & Nanoalmyona BV, Netherlands
01:30-01:45	Title: An optimization of mediated biosensor systems based on hybrid material
	Maria Kuznowicz, Poznan University of Technology, Poland
01:45-02:00	Title: Results from the quantum mangetic resonance analyser for the biosensors
	Muma John Neba, Cameroon
Refreshment Break (02:00-02:15) | Sessions II	
02:15-02:30	Title: Nanomaterials for electrochemical (bio)sensing: electrochemical synthesis
	Domenica Tonelli, University of Bologna, Italy
02:30-02:45	Title: Ultra-precise coupled MEMS resonating sensors for biosensing applications
	Vinayak Pachkawade,University of Liege, Belgium
02:45-03:00	Title: Portable and wearable chemical sensors based on organic electrochemical transistor: from materials to devices
	Isacco Gualandi, University of Bologna, Italy
03:00-03:15	Title: Sensor integration in a brain blood barrier on a chip
	Monica Mir, University of Barcelona, Spain
03:15-03:30	Title: Hybrid microplatform for glucose biosensor and its comparison with other testing techniques
	Artur Jedrzak, Poznan University of Technology, Poland
03:30-03:45	Title: Design and synthesis of lateral flow tests containing antibody-gated materials
	Estela Climent Terol, Federal Institute for Materials Research and Testing, Germany
03:45-04:00	Title: Biosensors targeting biomolecules
	Maria Goreti Ferreira Sales, University of Coimbra, Portugal
04:00-04:15	Title: Organic electrochemical transistors: versatile platforms for bioelectronics
	Federica Mariani, University of Bologna, Italy
04:15-04:30	Title: Point-of-care assay for C-reactive protein using cavity enhanced absorption detection
	Zulfiqur Ali, Teesside University, UK
04:30-04:45	Title: Label-free Capacitive Biosensors
	Paulo Roberto Bueno, Sao Paulo State University, Brazil
04:45-05:00	Title: Nanostructured Biosensors for Cancer and Infectious Diseases Detection
	Valtencir Zucolotto, University of Sao Paulo, Brazil
05:00-05:15	Title: Figure of merit analysis for different monometallic configurations and graphene layers on fiber-based SPR sensors
	Jorge R Fernandez H, University of Campinas (UNICAMP), Brazil
Refreshment Break (05:15-05:30) | Sessions III	
05:30-05:45	Title: Self-Healable Ultra-Stretchable Wearable Sensor Materials
	Evan K. Wujcik, University of Alabama, USA
05:45-06:00	Title: A microfluidic-based sensor with a built-in probe for conformal mechanical measurements of different anatomical sites at the exterior surface of human Pectus Carinatum (PC) costal cartilage
	Jiayue Shen, Suny Polytechnic Institute, USA

06:00-06:15	Title: Automation of 3D-printed perfusion bioreactor processes for the vascularization of bone scaffolds
	Tom Zimmermann, Michigan State University, USA
06:15-06:30	Title: Epigenetic leukocyte subtyping using digital droplet PCR for hematological diagnostics
	Lidija Malic, National Research Council , Canada
06:30-06:45	Title: Imaging cellular forces with nucleic acid-based tension sensors
	Xuefeng Wang, Iowa State University, USA
06:45-07:00	Title: Near field non-invasive electrophysiology of retrotrapezoid nucleus using amperometric cation sensor
	Sujasha Gupta, The Ohio State University, USA
07:00-07:15	To be anounced
	Vienna Mott, Draper Laboratory, USA
07:15-07:30	To be anounced
	Peter Rolfe, Oxford BioHorizons Ltd, UK
07:30-07:45	To be anounced
	Maria Gabriela Almeida, Higher Education Cooperative - Egas Moniz, Portugal
07:45-08:00	To be anounced
	Maria Pace, Microsoft, USA
08:00-08:15	To be anounced
	Marie Clement, Linxen, France
08:15-08:30	To be anounced
	Catherine Chan, Startupblink Global Startup Ecosystem, Hong Kong

