

# BioSPAN-2018

## International Workshop on Bio-Sensing, Processing, Application and Networking

in conjunction with BWCCA-2018

Taichung, Taiwan – October 27-29, 2018

<http://www.ece.uvic.ca/~kinli/BioSPAN>

### Workshop Chair

Kin Fun Li, University of Victoria, Canada

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### Web Administrator

Marina Ibrishimova, University of Victoria, Canada

### Program Committee

An International Panel of Experts to be announced

### Conference URL

<http://www.ece.uvic.ca/~kinli/BioSPAN>

### Conference Contact

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### Important Dates

Submission Deadline:	August 10, 2018
Author Notification:	August 15, 2018
Final Manuscript:	September 1, 2018
Author Registration:	September 5, 2017

### Introduction

The International Workshop on Bio-Sensing, Processing, Application and Networking will be held in conjunction with the International Conference on Broadband and Wireless Computing, Communication and Applications, October 27-29, in Taichung, Taiwan.

### Scope and Interests

As an international workshop, BioSPAN aims to share the recent developments in the biomedical domain of broadband and wireless computing and communication. This workshop will bring together leading researchers, engineers and scientists from around the world to disseminate their work in bio-sensing, bio-signal processing, biomedical application and bio-networking technologies. Topics of interest for submission include, but are not limited to:

- ❖ Bioelectronics and diagnostics
- ❖ Biomedical image analysis
- ❖ Biosensors and biosensor networks
- ❖ Data mining and pattern recognitions in Bio-Data
- ❖ Validation of Biosensors in practical environment
- ❖ Bio-System Integration
- ❖ Signal transduction technology
- ❖ Commercial developments, manufacturing and markets
- ❖ Acoustic-wave biosensors
- ❖ Optical and spectral-analysis-based biosensors
- ❖ Advanced biosignal processing
- ❖ Biosensing applications and case studies
- ❖ Wireless technology for medical biology and the life sciences
- ❖ Body area networks and body sensor networks

### Submission Information

Original full paper of at most 10 (ten) pages including figures and references in PDF (paper formatting source files can be downloaded from [BWCCA submission page](#)) should be submitted electronically to the EDAS online submission system: <http://edas.info/N24594>. Please select the track: "Workshop BIOSPAN-2018: International Workshop on Bio-Sensing, Processing, Application and Networking (BioSPAN-2018)". Submission of a paper should be regarded as a commitment that, if the paper is accepted, at least one of the authors will register and present at the workshop. Accepted papers will be published Springer.