

## **NENT 2018 - Neuro-electrostimulation in Neurorehabilitation Tasks (ins) S**

---

**Date :** Jan 19, 2018 - 09:00 AM

**Event URL :** <http://www.sfbayeventslist.com/events/nent-2018-neuro-electrostimulation-in-neurorehabilitation-tasks-ins-s-jan-2018>

**Organizer :** NYMT

**Venue :**

**Location :** Vila Galã© Santa Cruz Rua So Fernando, 5 9100-173 Santa Cruz Portugal, Santa Cruz, Portugal, US, ZIP: 5 9100-173

---

## **Neuro-electrostimulation in Neurorehabilitation Tasks - NENT 2018**

**19 - 21 January, 2018 - Funchal, Madeira, Portugal**

**Within the 11th International Conference on Bio-inspired Systems and Signal Processing - BIOSIGNALS 2018**

### **SCOPE**

Among the leading causes of disability and high mortality are diseases of the central nervous system that are accompanied by cognitive, sensor, motor and autonomic disorders. For treatment of such diseases pharmacological methods are not always in conformity with the contemporary requirements of efficacy and safety of health care. New technologies for neuroprotection, based on application of the physical fields for formation of the neuromodulation processes in the brain structures, are promising. Participation in this Special Session of scientists, involved in development of several research directions of neurostimulation theory and techniques, will allow [www.sfbayeventslist.com](http://www.sfbayeventslist.com)

to formulate new strategies of the treatment process, which will be aimed to minimize health risks for each person, based on personalized strategies of prevention and therapy.

## **TOPICS:**

The potential topics of the special session include, but not limited to the following:

- Neurostimulation Medical Device design;
- Rehabilitation process monitoring;
- Neurostimulation for Restoring Active Memory;
- Biomedical signal analysis;
- Modeling of neurostimulation effects;
- Clinical studies.

## **IMPORTANT DATES**

Paper Submission: November 7, 2017 (expired)

Authors Notification: November 21, 2017

Camera Ready and Registration: November 29, 2017

## **SPECIAL SESSION PROGRAM COMMITTEE**

Tiágo Araújo, ., Portugal

Marcus Cheetham, University Hospital Zurich, Switzerland

Hugo Gamboa, New University of Lisbon, Portugal

Carla Quintão, FCT-UNL, Portugal

## **CHAIR**

### **Vladimir Kublanov**

Ural Federal University

Russian Federation

### **Brief Bio**

Vladimir Kublanov is Prof., Dr. science, head of Research Medical and Biological Engineering Center of High Technologies. Has over 30 years of experience of the medical devices. Spheres of scientific interests: Fundamental studies for medicine and Engineering science.

## **SCOPE**

[www.sfbayeventslist.com](http://www.sfbayeventslist.com)

The purpose of the International Conference on Bio-inspired Systems and Signal Processing is to bring together researchers and practitioners from multiple areas of knowledge, including biology, medicine, engineering and other physical sciences, interested in studying and using models and techniques inspired from or applied to biological systems. A diversity of signal types can be found in this area, including image, audio and other biological sources of information. The analysis and use of these signals is a multidisciplinary area including signal processing, pattern recognition and computational intelligence techniques, amongst others.

BIOSIGNALS encourages authors to submit papers to one of the main topics indicated below, describing original work, including methods, techniques, advanced prototypes, applications, systems, tools or survey papers, reporting research results and/or indicating future directions. Accepted papers will be presented at the conference by one of the authors and published in the proceedings. Acceptance will be based on quality, relevance and originality. There will be both oral and poster sessions.

The proceedings will be indexed by several major international indexers.

Special sessions are also welcome. Please contact the secretariat for further information on how to propose a special session.

## **CONFERENCE TOPICS**

Speech Recognition

Neural Networks

Biometrics

Pattern Recognition

Medical Signal Acquisition, Analysis and Processing

Wearable Sensors and Systems

Real-time Systems

Evolutionary Systems

Acoustic Signal Processing

Time and Frequency Response

Wavelet Transform

Medical Image Detection, Acquisition, Analysis and Processing

Physiological Processes and Bio-signal Modeling, Non-linear Dynamics

Cybernetics and User Interface Technologies

Electromagnetic fields in biology and medicine

Fuzzy Systems and Signals

Monitoring and Telemetry

Cardiovascular Signals

Image Analysis and Processing

Detection and Identification

Motion Control

## **BIOSTEC KEYNOTE SPEAKERS**

Anatole Lécuyer, Inria Rennes/IRISA, Hybrid Research Team, France  
Corina Sas, Lancaster University, United Kingdom  
Dinesh Kumar, RMIT University, Australia  
Maximiliano Romero, Università luav di Venezia, Italy

Please contact the event manager Marilyn (marilyn.b.turner(at)nyeventslist.com ) below for:

- Multiple participant discounts
- Price quotations or visa invitation letters
- Payment by alternate channels (PayPal, check, Western Union, wire transfers etc)
- Event sponsorships

**NO REFUNDS ALLOWED ON REGISTRATIONS**

Service fees included in this listing.

-----  
This event is brought to you by:

INSTICC - NewYorkEventsList

<http://www.NyEventsList.com>

<http://www.BostonEventsList.com>

<http://www.SFBayEventsList.com>  
-----

MYL171114CEV JOA171219CEV

**Event Categories :**