

# 2018 NYC NEUROMODULATION CONFERENCE & NANS SUMMER SERIES

AUGUST 23–26, 2018 | NEW YORK CITY



Meeting Website: [neuromodec.com/nycnans2018](http://neuromodec.com/nycnans2018)

## Conference Highlights

160+ Speakers and Faculty



40+ Sessions & Hands-On  
Workshops spanning pain,  
brain and neurotechnology



Discounted Registration  
Rate Until August 9, 2018



Non-invasive and invasive neuromodulation technologies are moving rapidly from bench-side to bedside, even while a renewed focus on mechanisms of action drive basic and clinical research. Tools from fields of artificial intelligence and machine learning, along with medical wearables and apps, are disrupting traditional models of clinical trials and treatment.

Join a diverse group of thought leaders from medicine, academia, and industry, August 23-26, 2018 at the Sheraton New York Times Square for the most dynamic conference on the future of neuromodulation. The goal of the conference is to foster collaboration and provide a forum for an in-depth overview of current research and developments of implantable and wearable medical devices along with their eventual integration into clinical practice. The **2018 NYC Neuromodulation Conference and NANS Summer Series** joint meeting is presented through a collaboration between neuromodec.com and the North American Neuromodulation Society (NANS).

## Learning Objectives

Upon completion of this program, participants should be able to:

- Explain how invasive and noninvasive neuromodulation can treat chronic pain and neuropsychiatric disorders.
- Identify what wearable and digital healthcare technologies have to offer patients and providers in various clinical situations.
- Discuss recent engineering and scientific breakthroughs in neuromodulation as well as related digital therapeutics, modeling, and imaging techniques.

*This activity has been approved for AMA PRA Category 1 Credit™.*

## Featured Sessions

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| • Brain Stimulation in Sports Panel  | • Neurotechnology for Mindfulness                             | • Wearable Sensors  |
| • Old and New Ways of VNS  | • Neuromodulation for Addiction                               | • Cellular Mechanisms of tDCS                                       |
| • "Deep Brain Stimulation" Without The Knife                                       | • What's New and What's broken in SCS?                        | • Neuromodulation in Extremes of Age Children and Elderly           |
| • Advances in TMS Clinical Practice and Research                                   | • On and Off Label Applications for Pain Control              | • The Business and Socioeconomics of SCS                            |
| • New Targets and Technology of ECT  | • Intelligent and Closed-Loop Technology                      | • Neuromodulation from Big Data to Improve Patient Care             |
| • Brain-computer Interfaces for Communication and Control                          | • MST - From Biology to Clinical Applications                 | • Hands-On Cadaver Course for Fellows and Engineers                 |
| • Designing Neuromodulation Devices for Pain Control Based on Pain Neurophysiology | • Neuromodulation for Rehabilitation after Spinal Cord Injury | • Neuromodulation and Decision Making in Cognition and in Addiction |
| • Neuromodulation and Circuit Pathology in Neuropsychiatric Conditions             | • Non-invasive Neuromodulation and Monitoring at Home         | • Physiology and Clinical Applications of Neuromodulation for Pain  |
|  | • AR/VR in Healthcare   |   |

*\*For a complete agenda and faculty listing, please visit: [neuromodec.com/nycnans2018](http://neuromodec.com/nycnans2018)*