



10-14 December 2018
Grand Hyatt Kauai, Hawaii

EMBS Micro and Nanotechnology in Medicine Conference

TRANSLATING TECHNOLOGY FROM THE BENCH TO THE BEDSIDE

CALL FOR PAPERS - Biomedical grand challenges facing our society can be addressed at the scale of biology with Micro and Nanoscale technologies. These technologies hold great potential for diagnostics, therapeutics, enhancement of physiological function, disease management, or early monitoring and prevention. IEEE EMBS is sponsoring the fourth biennial Conference on Micro and Nanotechnology in Medicine to foster interaction between scientists, engineers, entrepreneurs and medical researchers in the context of real-world medical needs and issues. The Conference will promote vigorous and open dialogue towards groundbreaking solutions to previously unaddressed problems and cutting edge technologies for faster, more quantitative, and less expensive biomedical solutions using advances in Micro and Nanotechnology.

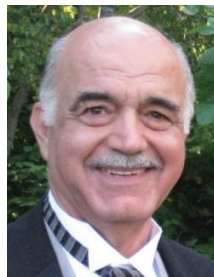
Papers in the following technical areas are welcome:

- Cellular Technologies
- Neurotechnologies
- Diagnostics
- Regenerative Medicine
- Nanomedicine
- Life Science Research Tools
- Oncology
- Imaging
- DNA Nanotechnology

Keynote Speakers



Paula Hammond
MIT



Pierre Khuri-Yakub
Stanford



Tejal Desai
UC San Francisco



David Beebe
U of Wisconsin

Confirmed Speakers

Rashid Bashir	Jackie Linnes
Anja Boisen	Michel Maharbiz
Elliot Botvinick	Scott Manalis
Cullen Buie	Nick Melosh
Brian Cunningham	Ellis Meng
David Eddington	Hywel Morgan
Polly Fordyce	Aydogan Ozcan
Deborah Fygenon	Kamlesh Patel
Wei Gao	Erkin Seker
Steven George	Ajay Shah
Keisuke Goda	William Shih
Carlotta Guiducci	Hirofumi Shintak
Amy Herr	Anderson Shum
Dean Ho	David Sinton
I-Ming Hsiung	Tom Soh
Dan Huh	Aaron Streets
David Issadore	Winnie Svendsen
Noo Li Jeon	Shoji Takeuchi
Ravi Kapur	Ashleigh Theberge
Ali Khademhosseini	Mehmet Toner
Catherine Klapperich	Albert van den Berg
Sunghoon Kwon	Aaron Wheeler
Abraham Lee	David Wood
CT Lim	Paul Yager

Submission Instructions

Submissions will be accepted for poster presentations. Authors will be given the option to submit research as 1 Page Poster Research Paper (non-publishable) or to submit research as a Contributed Paper (up to 4 pages, publishable) in IEEE Xplore.

Contributed Papers (up to 4 Pages)

Submission site OPENS	April 20, 2018
Submission Deadline	July 30, 2018
Accept/reject notification	August 20, 2018
Final submission deadline	September 10, 2018

1-page papers (Research Poster Papers)

Submission OPENS	April 20, 2018
Submission deadline	August 20, 2018
Accept/reject notification	September 4, 2018
Final submission deadline	September 17, 2018

Conference Chairs

Dino DiCarlo, UCLA
Elliot Hui, UC Irvine
Sumita Pennathur, UC Santa Barbara

<https://mnm.embs.org/2018/>