



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.

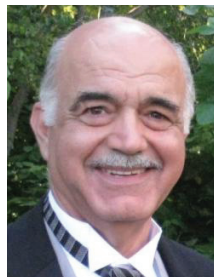
*Papers in the following technical areas are welcome:*

- 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	<b>April 20, 2018</b>
Submission Deadline	<b>July 30, 2018</b>
Accept/reject notification	<b>August 20, 2018</b>
Final submission deadline	<b>September 10, 2018</b>

#### 1-page papers (Research Poster Papers)

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

### Conference Chairs

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

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