



# IEEE-EMBS Micro- and Nanoengineering in Medicine Conference (MNM 2012)

*Translating Technology from the Bench to the Bedside*

**Call for Papers**

The Westin Maui Resort and Spa, Ka'anapali, Hawaii

<http://www.westinmaui.com/>

3<sup>rd</sup> – 7<sup>th</sup> December 2012

Various biomedical grand challenges facing our society and the world can be addressed by interfacing biology and medicine with micro- and nanoscale technologies. These technologies hold great potential to impact early diagnosis, therapeutics, and management of disease. IEEE EMBS is sponsoring the first Conference on Micro- and Nanoengineering in Medicine to foster interaction between scientists, engineers and medical researchers in the context of real-world medical needs and issues. The Conference will promote vigorous and open dialogue towards the development of cutting edge technologies for faster, more quantitative, and less expensive biomedical solutions using advances in micro and nanotechnology. **For more details, please visit:** [www.mnm.embs.org](http://www.mnm.embs.org)

## Confirmed Invited Speakers

- Helene Andersson Svahn
- Justin Cooper-White
- Utkan Demirci
- Dino Di Carlo
- Teruo Fujii
- Dean Ho
- Elliot Hui
- Abraham Lee
- SangHoon Lee
- Michel Maharbiz
- John T. McDevitt
- Samir Mitragotri
- Shuichi Takayama
- Aaron Wheeler
- Justin Williams
- John X.J. Zhang
- Mark Bachman
- Brian T Cunningham
- Tejal Desai
- Jenny Emnéus
- Amy E. Herr
- Sara Hook
- Noo Li Jeon
- Luke Lee
- Liu, Gang Logan
- Kara McCloskey
- Mike McShane
- William Rodriguez
- Peng Yin
- John Wikswo
- Albert van den Berg

## EMBS Contact

**Jessica Lotito, CMP**  
Conference Planner, EMBS  
[emb-conferences@ieee.org](mailto:emb-conferences@ieee.org)  
[www.embs.org](http://www.embs.org)

## Conference Chairs

**Ali Khademhosseini**  
(Conference Chair)  
Harvard University  
[alik@rics.bwh.harvard.edu](mailto:alik@rics.bwh.harvard.edu)

**Michelle Khine** (Co-Chair)  
University of California  
Irvine [mkhine@uci.edu](mailto:mkhine@uci.edu)

**Rashid Bashir** (Program Chair)  
University of Illinois at  
Urbana-Champaign  
[rbashir@illinois.edu](mailto:rbashir@illinois.edu)

**Logan Liu** (Publicity Chair)  
University of Illinois at  
Urbana-Champaign  
[loganliu@illinois.edu](mailto:loganliu@illinois.edu)

## Key Dates in 2012

### July 1

Call for papers opened

### August 1

Call for papers site closed

### September 1

Notification of acceptance

### October 1

- Registration deadline for authors
- Final papers loaded on the website
- Online PPT presentations due

## Plenary Speakers



**Donald E. Ingber, Ph.D**  
Harvard University



**John A. Rogers, Ph.D**  
University of Illinois  
at Urbana-Champaign



**Stephen Quake, Ph.D**  
Stanford University



**Mehmet Toner, Ph.D**  
Harvard University  
MGH



**Belinda Seto, Ph.D**  
National Institute of  
Biomedical Imaging and  
Bioengineering, National  
Institute of Health