

[BACK TO WWW.COMSOL.COM](http://www.comsol.com)

# COMSOL CONFERENCE 2010



OCTOBER 7-9 2010, BOSTON, MA, USA

[Welcome](#)[Abstracts](#)[Program](#)[Program Committee](#)[Sponsorships](#)[Venue](#)[My Conference](#)**Conferences**[Boston](#)[Paris](#)[Bangalore](#)[Shanghai](#)[Beijing](#)[Taipei](#)[Tokyo](#)[Seoul](#)**Archive**[2009 Conference](#)

## COMSOL Conference 2010 Boston

The COMSOL Conference 2010 Boston was held on October 7-9.

**Highlights**[Final Program](#)[Keynote Talks](#)[Minicourses](#)[User Presentations](#)**Awards Winners****Best Papers**[A Biological Gear in the Human Middle Ear](#)

Hongxue Cai, Ryan P. Jackson, Charles Steele, Sunil Puria  
Stanford University

[Thermomagnetic Siphoning on a Bundle of Current-Carrying Wires](#)

Jeffrey C. Boulware, Scott Jensen  
Utah State University Research Foundation

[Dynamic Deformation of Soft Particle in Dual-trap Optical Tweezers](#)

Sebastien Rancourt-Grenier, Paul Bareil, Pierre-Luc Duval, Yunlong Sheng  
University Laval, Quebec Canada  
Ming-Tsu Wei, Arthur Chiou  
National Yang-Ming University, Taipei, Taiwan  
Jar-Jin Bai

**Best Poster**[Patient-specific Modelling of Blood-flow in Cerebral Aneurysms](#)

Daniel Zajarias-Fainsod, Michael J Chappell, Joanna F Collingwood  
University of Warwick, Coventry, UK  
Adam Rennie, Sanjoy Nagaraja, Adrian Wilson  
University Hospital Coventry and Warwickshire NHS Trust, Coventry, UK

[Design of Novel Lithographic Strategies Through Application of Electromagnetic and Multiphysics Simulations](#)

Jonathan P. Singer, Jae-Hwang Lee, Sisi Ni, Michael A. Gibson, Steven E. Kooi,  
Edwin L. Thomas

Massachusetts Institute of Technology

**Popular Choice Best Poster Award**

[Design of an Autonomous Millimeter Scale Robot Using COMSOL](#)

Mustafa Emre Karagozler, Seth C. Goldstein  
Carnegie Mellon University

GOLD SPONSORS				
BRONZE SPONSORS	    			
MEDIA SPONSORS				
				

© 1998-2011 COMSOL AB.  
COMSOL, COMSOL Multiphysics, COMSOL Reaction Engineering Lab and FEMLAB are registered trademarks of COMSOL AB.  
Other product or brand names are trademarks or registered trademarks of their respective holders. All Rights Reserved.

COMSOL RSS