

# ***Microfluidics, BioMEMS, and Medical Microsystems XIV***

**Bonnie L. Gray**  
**Holger Becker**  
*Editors*

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**Holger Becker**, (*Moderator*) microfluidic ChipShop GmbH (Germany)

## Introduction

Welcome to the proceedings for the 2016 SPIE Photonics West Conference: Microfluidics, BioMEMS, and Medical Microsystems. The conference is going strong in its 14th year.

This year, we had 32 presented papers covering devices, fabrication, and applications of microfluidics, optofluidics, and bioMEMS. This included 9 invited papers from leaders in the field covering topics such as rare and challenging cell separation and identification; 3-D printing; biosensors; accoustophoresis; and personalized medicine. Each invited talk anchored a session of contributed papers given by researchers from many different institutions and companies from all over the world.

The Panel Discussion on Monday evening attracted panelists from Bay Area companies and elsewhere, and was very well attended. The audience fully participated asking questions and joining in the lively discussion on the current status of microfluidics and the future that we have to look forward to next year and beyond.

Also announced during the Panel Discussion was the winner of the Student Paper Award. The contest was once again a success, showcasing up and coming talent from the undergraduate through the doctoral student levels. Rabin Dhakal from Iowa State University (United States) won the Best Student Paper Award with his paper entitled "Transfer molding processes for nanoscale patterning of poly-L-lactic acid (PLLA) films" [9705-8] co-authored by Akshit Peer, Rana Biswas, and Jaeyoun Kim.

We look forward to seeing everyone next year and further growing the size and success of the conference.

**Holger Becker**  
**Bonnie L. Gray**

