# **Special Issue**

# Microfluidics on Printed Circuit Boards

## Message from the Guest Editors

Over the past twenty years, the rapidly increasing number of publications on lab-on-a-chip systems realized on printed circuit boards (PCB) is indicative of the future potential of the technology and its emerging applications, Indeed, the lab-on-printed circuit board (Lab-on-PCB) approach enables the seamless integration of microfluidics, sensors, and electronics, and promises the commercial upscalability and standardization of microfluidics, leveraging the wellestablished PCB industry with standardized fabrication facilities and processes. To make this vision possible, the research community is developing microfluidic devices and lab-on-a-chip systems using PCBcompatible materials and processes, while initiatives are being taken to bridge the gap between microfluidics research community and the PCB industry (www.eipc.org/eipcevent/2016-workshop-pcb-biomems/, www.eipc.org/news-eipc-3/). This Special Issue will focus on original articles, reviews, and perspectives of the field in terms of fabrication technology, prototype devices and systems, design and simulation, commercialization challenges, and applications.

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## Deadline for manuscript submissions

closed (31 October 2019)



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## Editor-in-Chief

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