



Preliminary Technical Program

The Executive Committee reserves the right to amend the program if necessary.

- W225k** **RAPID DETECTION OF BACTERIA IN BLOOD USING ENGINEERED BACTERIOPHAGE AND ACOUSTIC SEPARATION**
P. Dow, K. Kotz, S. Gruszka, J. Holder, and J. Fiering
Draper, USA
- W226k** **3-D PRINTING, INK CASTING AND LAMINATION (3-D PICL): A RAPID, ROBUST, AND COST EFFECTIVE PROCESS TECHNOLOGY TOWARD THE FABRICATION OF MICROFLUIDIC AND BIOLOGICAL DEVICES**
T. Ausaf, A. Kundu, and S. Rajaraman
University of Central Florida, USA
- W227k** **MAGNETOPHORETIC SORTING OF FLUID CATALYTIC CRACKING PARTICLES**
M. Solsona¹, A.-E. Nieuwelink², M. Odijk¹, F. Meirer², L. Abelmann^{1,2,3}, W. Olthuis¹, B.M. Weckhuysen², and A. van den Berg¹
¹*University of Twente, NETHERLANDS*, ²*Utrecht University, NETHERLANDS*, and ³*KIST Europe, GERMANY*
- W228k** **SYNCHRONIZING SELF-REGULATE MICROFLUIDIC OSCILLATORS VIA CAPACITIVE COUPLING**
S.C. Leshar-Pérez^{1,2}, C. Zhang^{1,3}, and S. Takayama^{1,4}
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- W229k** **TWO-DIMENSIONAL PROFILING OF CANCER CELL SUBPOPULATIONS**
M. Poudineh, M. Labib, E.H. Sargent, and S.O. Kelley
University of Toronto, CANADA
- W230k** **XENOPTICON: MICROFLUIDIC PLATFORM FOR TIME-RESOLVED ANALYSIS OF XENOPUS EMBRYO DEVELOPMENT**
R. Novak¹, Y. Choe¹, A. Dinis¹, M. Ingram¹, V. Keshari¹, B.A. Nestor¹, M. Super¹, M. Levin^{1,2}, and D.E. Ingber^{1,3}
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