List of Publications

Articles

Tunable Hydrodynamic Chromatography of Microparticles Localized in Short Microchannels, L.C. Jellema, A.P. Markesteijn, J. Westerweel, E. Verpoorte, Accepted for publication in Analytical Chemistry, 2010.

Charge-based particle separation in microfluidic devices using combined hydrodynamic and electrokinetic effects, L.C. Jellema, T. Mey, S. Koster and E. Verpoorte, *Lab on a Chip*, 2009, **9**, p. 1914-1925.

Stabilization of two-phase octanol/water flows inside poly(dimethylsiloxane) microchannels using polymer coatings, H.J. van der Linden, L.C. Jellema, M. Holwerda and E. Verpoorte, *Analytical and Bioanalytical Chemistry*, **2006**, 385, 1376-1383.

Oral presentations

Size-based particle separation using Flow-induced electrokinetic trapping, L.C. Jellema, A.P. Markesteijn, J. Westerweel, E.M.J. Verpoorte, JMBC contact group Micro- & nanofluidics, Delft, the Netherlands, October 2009.

Particle separation based on flow-induced electrokinetic trapping, L.C. Jellema, S. Koster, E.M.J. Verpoorte, MicroScale Bioseparations and Methods for Systems Biology conference, Berlin, Germany, March 2008.

Particle separation based on flow-induced electrokinetic trapping, L.C. Jellema, S. Koster, E.M.J. Verpoorte, Annual meeting of NWO/CW studiegroep Analytische Scheikunde, Lunteren, the Netherlands, November 2007.

Poster presentations

Size separation of particle using Flow-induced electrokinetic trapping, L.C. Jellema, A.P. Markesteijn, J. Westerweel, E.M.J. Verpoorte, Micro total analysis systems 2008, 11-16 October 2008 in San Diego, USA.

Stabilization of two-phase octanol/water flows in PDMS channels using polymeric wall coatings, H.J. van der Linden, L.C. Jellema, M. Holwerda and E. Verpoorte, Micro total analysis systems 2005, 9-13 October 2005 in Boston, USA.