

Article

Projection Micro-Stereolithography to Manufacture a Biocompatible Micro-Optofluidic Device for Cell Concentration Monitoring

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Keywords: 3D printing; vat photopolymerization; photocurable biocompatible resins; micro-optics; microfluidics; two-phase flow detection; cell concentration detection



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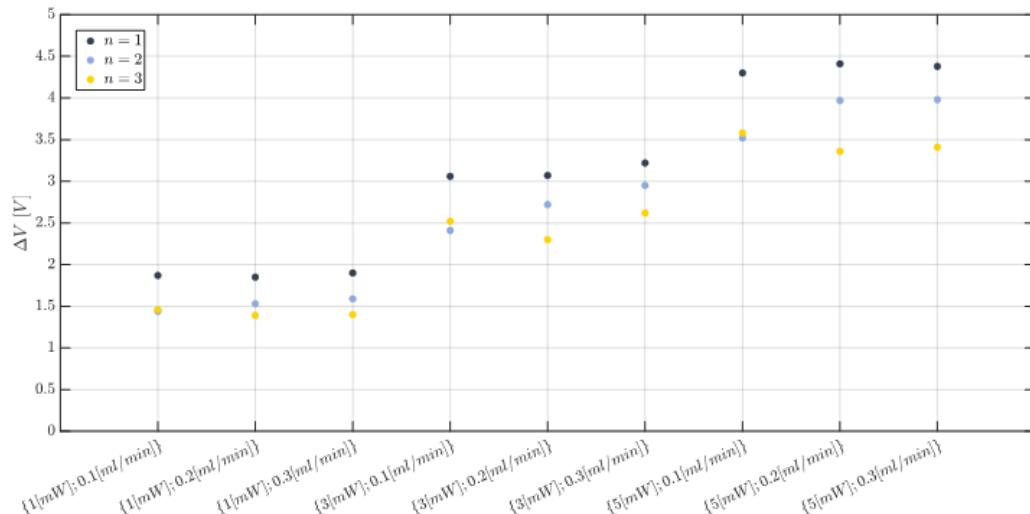


Figure S 1. Individual value plot related to the voltage difference (ΔV) collected observations for the BIO device at each investigated working condition (see Table 3) and replication ($n = 1, 2, 3$).

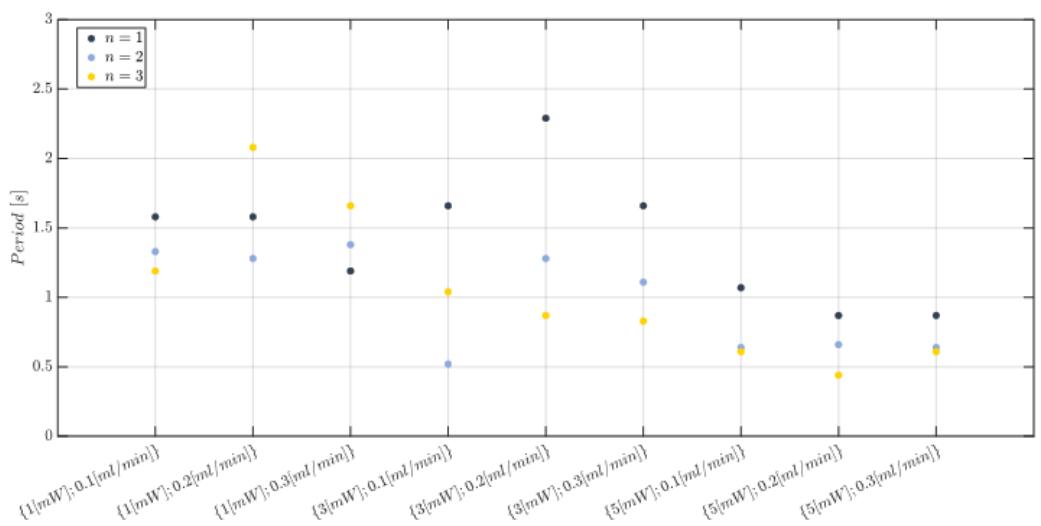


Figure S 2. Individual value plot related to the mean period (T) related to a complete air-water two-phase flow passage collected observations for the BIO device at each investigated working condition (see Table 3) and replication ($n = 1, 2, 3$).

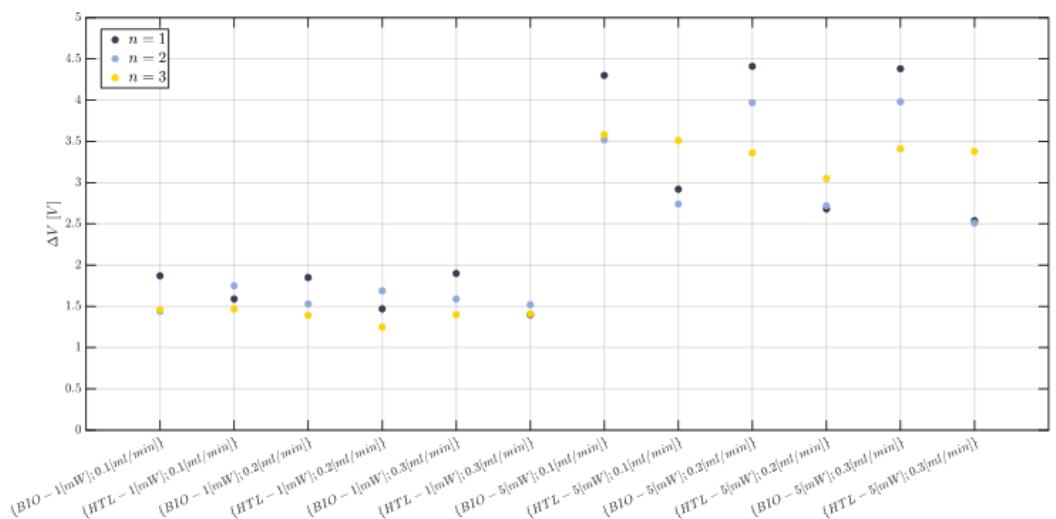


Figure S 3. Individual value plot related to the voltage difference (ΔV) collected observations for the BIO and HTL devices at each investigated working condition (see Table 4) and replication ($n = 1, 2, 3$).

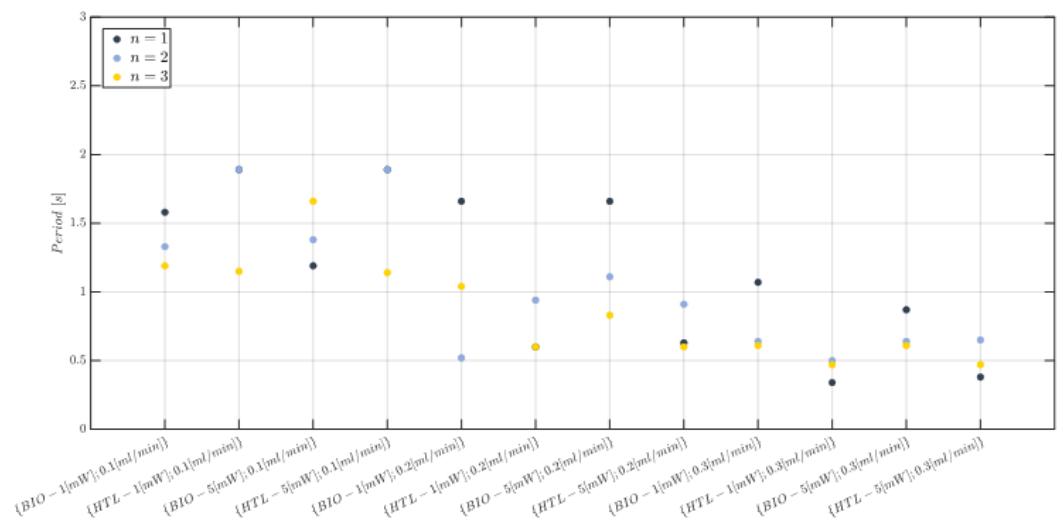


Figure S 4. Individual value plot related to the mean period (T) related to a complete air-water two-phase flow passage collected observations for the BIO and HTL devices at each investigated working condition (see Table 4) and replication ($n = 1, 2, 3$).

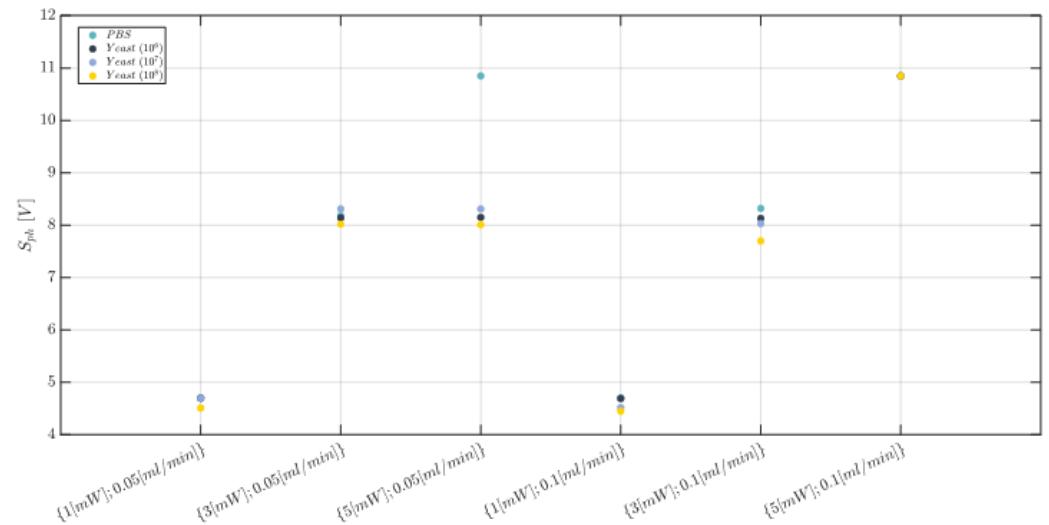


Figure S 5. Individual value plot related to the mean voltage value (S_{ph}) collected observations for the BIO device at each investigated working condition (see Table 5) and replication ($n = 1, 2, 3$).

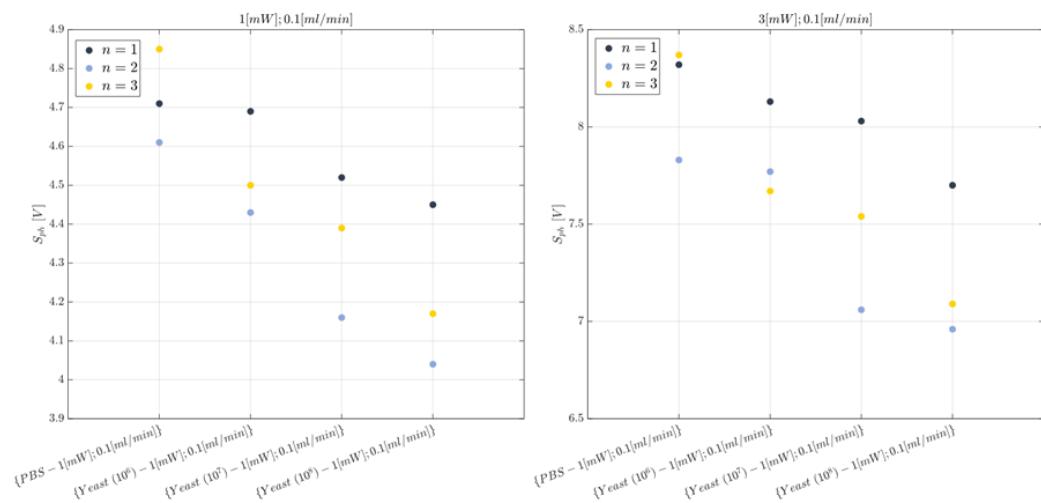


Figure S 6. Individual value plot related to the mean voltage value (S_{ph}) collected observations for the BIO device at each investigated working condition (see Table 10) and replication ($n = 1, 2, 3$).