

Supplementary material

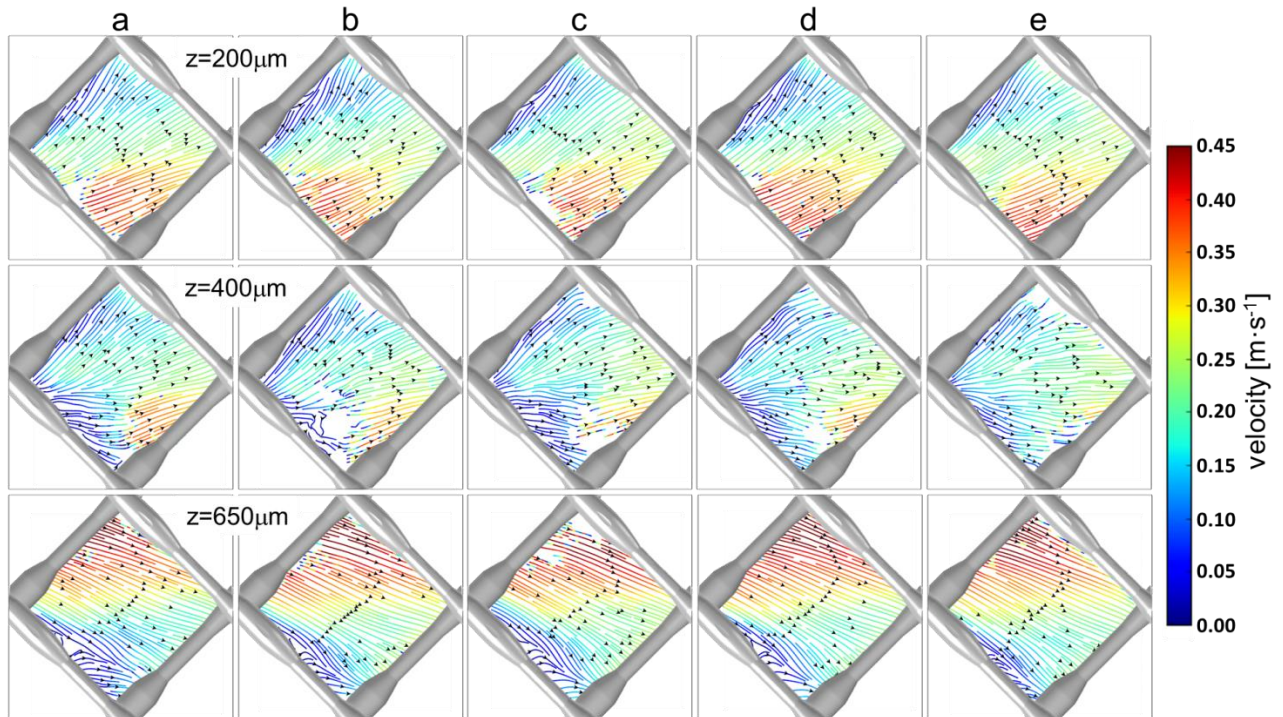


Figure-S1: Spatial reproducibility of measured flow field at five locations in the flow cell (*a* to *e*, see Figure 2), at three heights in the channel $z = 200, 400$ and $650 \mu\text{m}$. The main flow direction with an average flow velocity of $0.163 \text{ m}\cdot\text{s}^{-1}$ ($\text{Re}=160$) was from left to right. Note the different spacer orientation in this experiment, compared with the rest of the measurements.

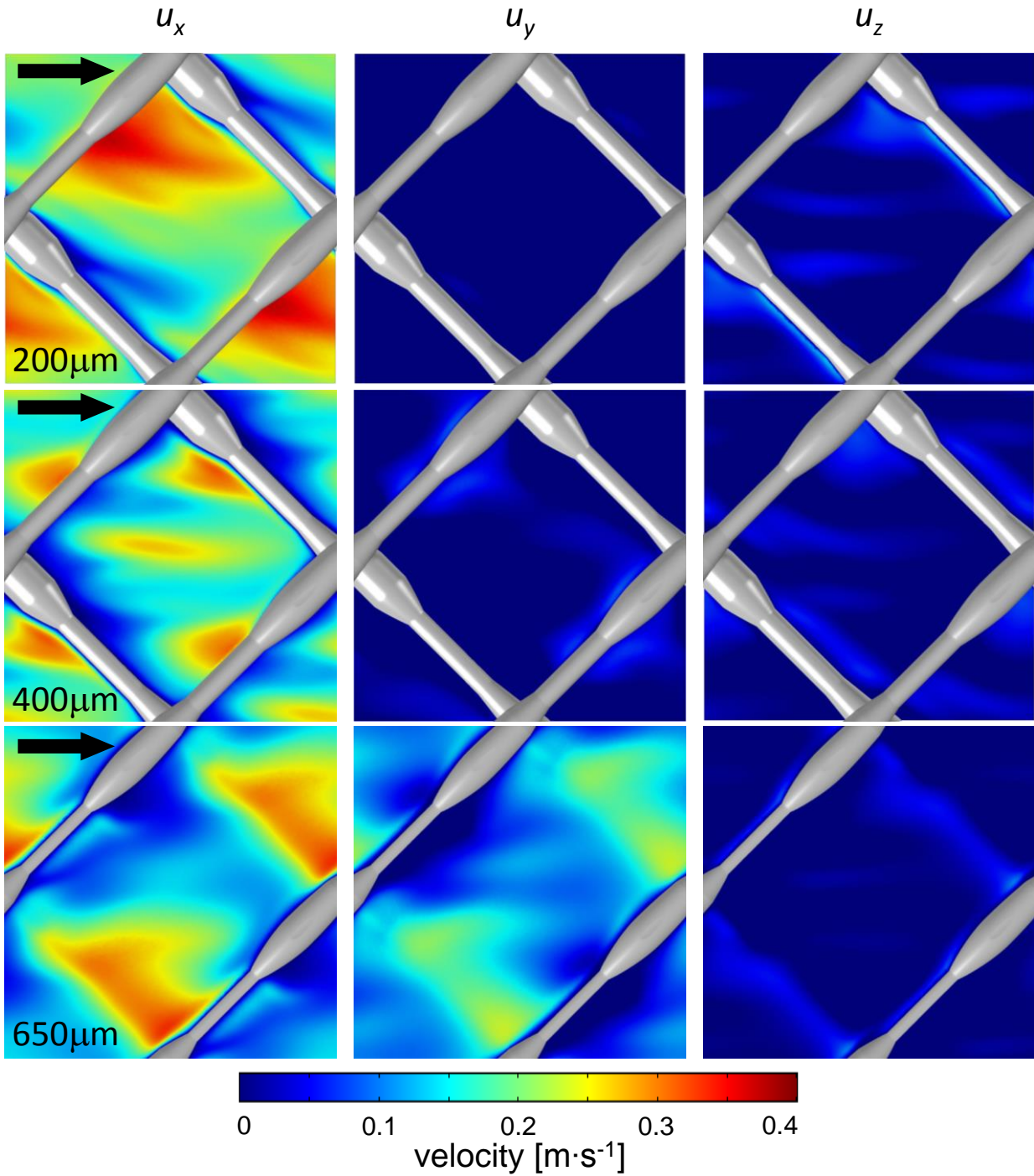


Figure-S2: Computed distribution of velocity components u_x , u_y and u_z at three different heights of the flow channel (200, 400 and 650 μm). The CFD simulation was made at $\text{Re}=160$, assuming steady laminar flow (direction from left to right).