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The 3D-PIC simulation code for the study of blob and hole propagation dynamics (called "p3bd" code) has been developed and verified. Figures (a) and (b) show the time evolutions of the electron density distributions on the poloidal cross-section in the blob and hole cases, respectively. The p3bd code has reproduced the blob / the hole propagation in the $\mp \nabla B$ direction and the larger distortion of the hole shape than that of the blob shape as shown in the figure. The large distortion of the hole shape arises from the shear of propagation velocity. (Hiroki HASEGAWA and Seiji ISHIGURO, Plasma and Fusion Research, Vol.12, 1401044 (2017) <http://www.jspf.or.jp/>)