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Dust particles collected in LHD by a vacuum-filtered collection method. Dust particles are classified into three kinds: (a) and (b) show small spherical dust particles below 1 μm in size, (c) shows an agglomerate consisting of primary particles of 10 nm, and (d) shows a large dust particle above 1 μm in size and irregular in shape; this suggests three formation mechanisms of dust particles: chemical vapor deposition growth, agglomeration, and peeling from walls. (Kazunori KOGA et al., Plasma and Fusion Research Vol.4, 034 (2009) http://www.jspfor.jp/PFR/)