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An-Ni Huang, Keiya Ito, Tomonori Fukasawa, Hideto Yoshida, Hsiu-Po Kuo, Kunihiro Fukui

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## **ACCEPTED MANUSCRIPT**

# Classification performance analysis of a novel cyclone with a slit on the conical part by CFD simulation

An-Ni Huang<sup>1</sup>, Keiya Ito<sup>1</sup>, Tomonori Fukasawa<sup>1</sup>, Hideto Yoshida<sup>1</sup>, Hsiu-Po Kuo<sup>2,3</sup>, and Kunihiro Fukui<sup>1,\*</sup>

<sup>1</sup>Department of Chemical Engineering, Hiroshima University, 1-4-1 Kagamiyama, Higashi-Hiroshima City, Hiroshima 739-8527, Japan

<sup>2</sup> Department of Chemical and Materials Engineering, Chang Gung University, 259 Wen-Hwa 1<sup>st</sup> Road, Taoyuan City, 33302, Taiwan

<sup>3</sup> Department of Otolaryngology-Head & Neck Surgery, Linkou Chang Gung Memorial Hospital, Taoyuan City, 33305, Taiwan

<sup>\*</sup>Corresponding author: kfukui@hiroshima-u.ac.jp; Tel/Fax: (81)-082-424-7715; Current address: Department of Chemical Engineering, Graduate School of Engineering, Hiroshima University, 1-4-1 Kagamiyama, Higashi-Hiroshima City, Hiroshima 739-8527, Japan

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