



# Correction to: Quantitative measurement of density fluctuations with a full-field laser interferometric vibrometer

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**Correction to: Experiments in Fluids (2020) 61:9**  
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The original published article contains an error in Equation (1) and in one of the cited references, which are corrected with this erratum. The corrections are given as follows:

$$\frac{d\rho}{dt} = \frac{\rho}{\gamma p} \frac{dp}{dt} - \frac{(\gamma - 1)\rho}{\gamma p} \frac{dq_v}{dt} \quad (1)$$

The authors would like to correct the following reference:

Gürtler J, Greiffenhagen F, Peterleithner J, Woisetschläger J, Haufe D, Fischer A, Czarske J (2016) Seedingless measurement of the heat release rate and the velocity in swirl-stabilized flames using camera-based laser-vibrometry. GALA Fachtagung ‘Lasermethoden in der Strömungsmesstechnik’, Cottbus, Germany, Sept. 6–8, 2016, Deutsche Gesellschaft für Laser-Anemometrie GALA e.V.

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