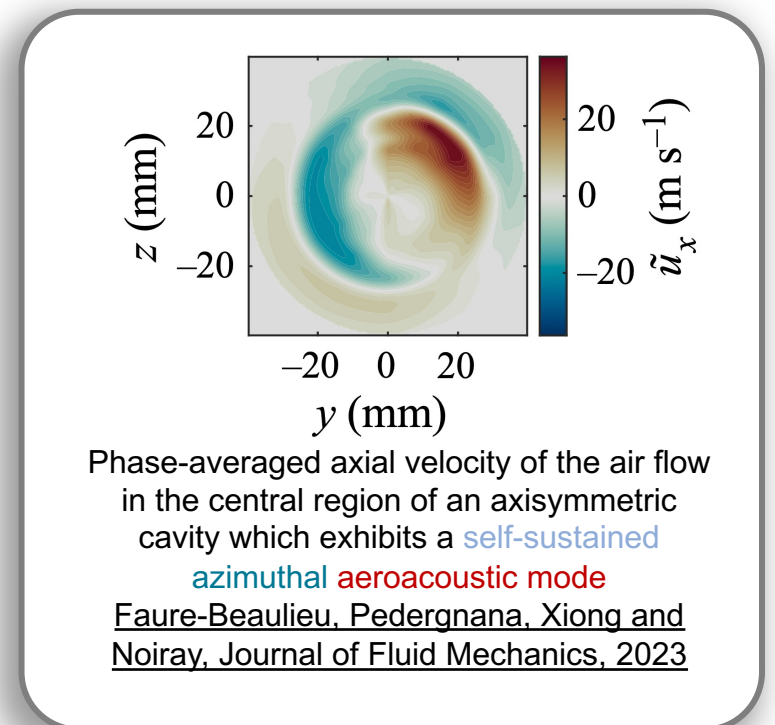
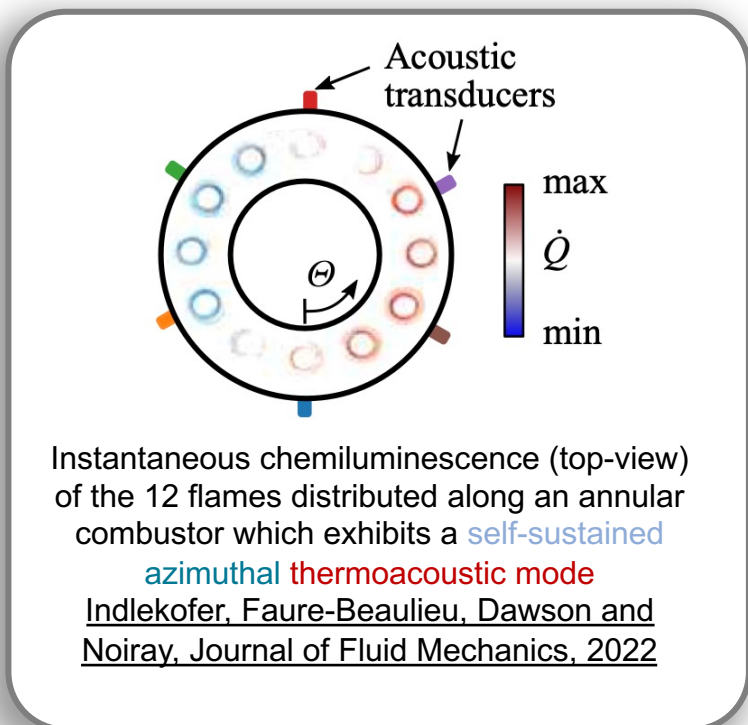


The CAPS laboratory logo is inspired by two figures presented in two pivotal papers on self-sustained azimuthal aeroacoustic and thermoacoustic modes published in the Journal of Fluid Mechanics.

These two papers directly build upon the results of fourteen previous articles listed below. They constitute the culmination of several years of research efforts and open new research avenues.



Bonciolini, Faure-Beaulieu, Bourquard and Noiray, Combustion and flame, 2021

Indlekofer, Faure-Beaulieu, Noiray and Dawson, Combustion and Flame, 2021

Boujo, Bourquard, Xiong and Noiray, Journal of Sound and Vibration, 2020

Faure-Beaulieu and Noiray, Physical Review Fluids, 2020

Bonciolini, Boujo and Noiray, Physical Review E, 2017

Boujo and Noiray, Proceedings of the Royal Society, 2017

Noiray, Journal of Engineering for Gas Turbines and Power, 2017

Faure-Beaulieu, Indlekofer, Dawson and Noiray, Journal of Fluid Mechanics, 2021

Faure-Beaulieu, Indlekofer, Dawson and Noiray, Proceedings of the Combustion Institute, 2021

Noiray and Denisov, Proceedings of the Combustion Institute, 2017

Faure-Beaulieu, Pedergrana and Noiray, Journal of Fluid Mechanics, 2023

Bourquard, Faure-Beaulieu and Noiray, Journal of Fluid Mechanics, 2021

Pedergrana, Bourquard, Faure-Beaulieu and Noiray, Physical Review Fluids, 2021

Boujo, Bauerheim and Noiray, Journal of Fluid Mechanics, 2018

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