

Stanford



Guillaume Vignat

Postdoctoral Scholar, Mechanical Engineering

Bio

PROFESSIONAL EDUCATION

- Ingenieur, Centrale Supélec (2017)
- Doctor of Philosophy, Unlisted School (2020)
- PhD, University Paris-Saclay, CentraleSupélec , Reacting flows (2020)

STANFORD ADVISORS

- Matthias Ihme, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **p Swirler effects on combustion instabilities analyzed with measured FDFs, injector impedances and damping rates** *COMBUSTION AND FLAME*
Soundararajan, P., Durox, D., Renaud, A., Vignat, G., Candel, S.
2022; 238
- **Dynamics of spray and swirling flame under acoustic oscillations : A joint experimental and LES investigation** *PROCEEDINGS OF THE COMBUSTION INSTITUTE*
Vignat, G., Lo Schiavo, E., Laera, D., Renaud, A., Gicquel, L., Durox, D., Candel, S.
2020; 38 (4): 6015-6024