



CoEC Combustion Autumn School 2022:

Combustion theory with ML/AI applications and interactive analysis

CERTIFICATE OF ATTENDANCE

Stanislav Georgiev

has attended the above CoEC school held in Shipka Conference Hall, Crystal Palace Boutique Hotel, Sofia, Bulgaria from
24th to 26th of October 2022

The CoEC School spans 15 lectures and includes the following topics:

*Chemical kinetics in flames and how to handle it in computations * Soot formation in laminar and turbulent flames * LES methods
* Methodologies and challenges associated with modelling various reacting particles like coal, aluminium, and iron * HPC algorithms
for combustion simulations * AI and ML as well as ML and data driven modelling for turbulent reacting flows * Interactive
exploration and analysis of large amounts of data with Jupyter*

Dr. Benedicte Cuenot

A handwritten signature in blue ink, appearing to read 'B. Cuenot', is written over the printed name.

Leader of WP7 "Application Challenges", CoEC

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