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Ignition Behavior of Supercritical Liquid Fuel in Combustion System

Reviewer 1: --

1. The sentence construction should be proper in several sections in this article to be modified.
2. In several sections' sentences and paragraphs have some margin and space problem, which needs to be properly adjusted.
3. In several sections, sentences have spelling and grammar mistakes, which need to be corrected.

Page No.	Actual	Suggested
1	*Involves*	*involve*
1	*experiences shift*	*experiences a shift*
1	*sub–critical to super–critical. Present*	*subcritical to supercritical. The present*
1	*For the super-critical*	*For super-critical*
1	*for various value*	*for the various value*
2	which are	That are
2	turbo – pumps	turbopumps
2	Times	Time
2	Have	Has
2	of engine. The phenomena's	of the engine. The phenomena
2	Quiet	Quite
2	Dynamical	Dynamic
2	There are number of tools which are	Several tools are
2	exists parameter	exists a parameter
2	Analysis	Analyses
2	which assisted	that assisted
2	combustion has	combustion have
3	line of	lines of
3	involving "symbolic	involving a symbolic
3	Engine	engines
3	require control	require a controlled
3	of injector are outer	of **the** injector are **the** outer
3	in combustion	in **the** combustion
3	Module	Modules
3	Luminosity	The Luminosity
3	Source	Source**s**
4	through window	through the window
4	of Phtron	of P**a**tron
4	for oxidizer	for **the** oxidizer
4	of shear co – axial	of **the** shear coaxial
4	Combustor of shear	The combustor of the shear
4	of subscale	of **the** subscale
5	Boundary condition	**The b**oundary condition
5	Data of	Data in
5	temperature is	temperature are

6	over density-based	over the density-based
6	because pressure-based solver employ algorithm	because the pressure-based solver employs an algorithm
6	Since test	Since the test
7	Minimum	A minimum
7	whereas temperature	whereas a temperature
7	Solver	The Solver
7	simulation are	simulation is
7	time, fuel-rich	time, the fuel-rich
7	Approximately	Approximate
7	to maximum 2000	to a maximum of 2000
8	for transient	for the transient
8	Total	The Total
8	fuel are	fuel is
8	combustion, model	combustion, a model
8	modelled by utilizing rich	modeled by utilizing **a** rich
8	compute absolute	compute the absolute
8	with experimental	with **an** experimental
8	Difference	The Difference
8	and present	and **the** present
9	contours. Peak	contours. The Peak
9	near wall	near the wall
9	if detailed	if a detailed
10	Pressure are	Pressure is
10	simulations are 24.6 bars which is	simulations is 24.6 bars which are
10	stead-state	steady-state
10	simulations, ideal	simulations, an ideal
11	Consequences	Consequence
11	oxidizer are	oxidizer is
11	However, actual	However, the actual
11	temperature are found to be approximately same	temperatures are found to be approximately the same
11	study is	study are
11	carry out the simulation of	Simulate
11	advance nature is	advanced nature are
11	condition, detailed	conditions, the detailed
11	modelling. However, results	modeling. However, the results

Comments to Editor :

1. After some modification, the article can be accepted for possible publication

Reviewer 2: --

1. The paper should be written in JMCMS Journal format.

2. References and in-text citations are not in JMCMS Journal format. More references should be included and sequentially/adequately arranged, as cited in the text.

3. Authors are advised that the Result and Discussion section should be specific

4. Conflict of interest regarding the article should be mention in the text.

Comments to Editor :

1. After some modification, the article can be accepted for possible publication.

Reviewer 3: --

1. The Paper should be written in JMCMS Journal format.

2. References and in-text citations are not in JMCMS format. More references should be included and sequentially/adequately arranged, as cited in the text.

3. The Conclusion part is needed to be Modified in accordance to fulfill the paper's aim.

4. All the pictures should be clear and the resolution should be high.

5. Conflict of interest regarding the article should be mention in the text.

Comments to Editor :

1. After modifying the said points, the paper can be accepted for possible publication.

[Note: This is a computer-generated Report hence, no need for any Signature.]