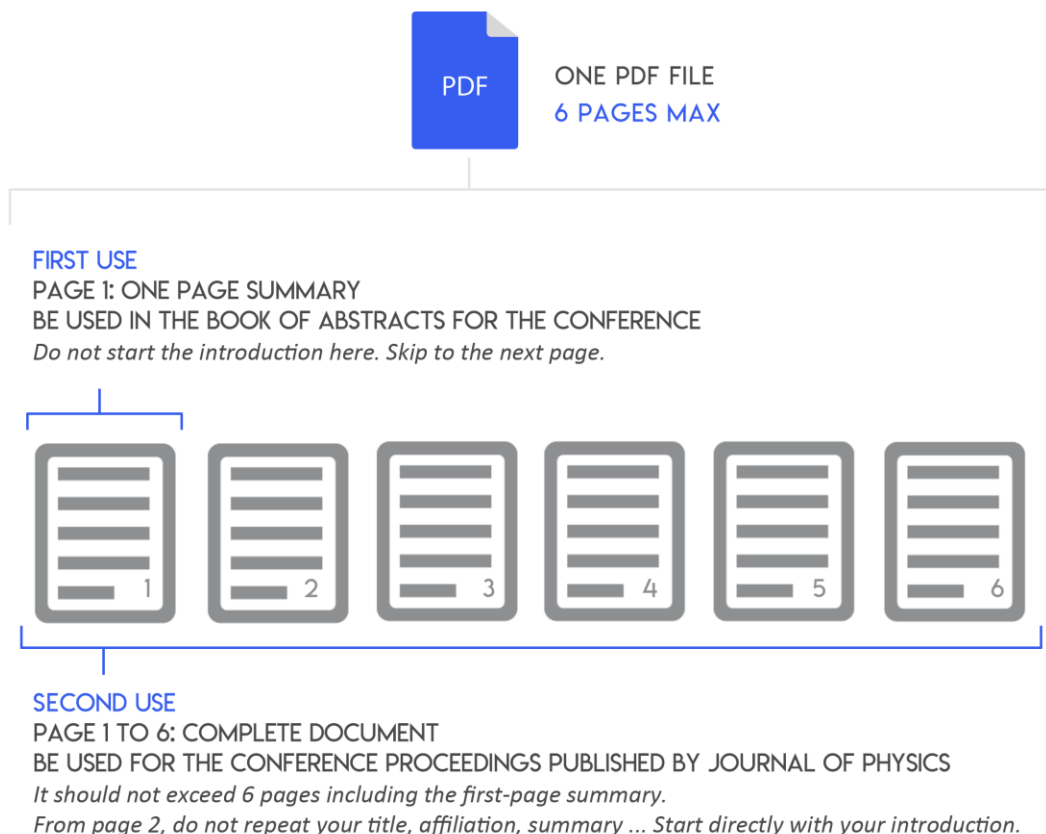


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Saperet copiosae et sed. Choro iudico oblique cu eos, mentitum scriptorem per eu. Ea eam falli partem facete, eos in putant impedit fabellas, te per vitae docendi. Elit latine volumus cu quo, lobortis indoctum rationibus et ius. Nulla antiopam et vim, nec velit nominavi ex.

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KEYWORDS [HEADING 1 STYLE]:

At least 3 keywords are required with all letters in lower case and not bold. A list of suggested keywords is provided below.

[Keywords style] *Suggested Keywords: fire chemistry; modeling; human behavior; risk assessment; performance-based design; statistics; structural response; structural design; suppression; detection; forensics; smoke management; flame spread; fire growth; compartment fires; heat transfer; fluid dynamics; CFD; wildfires; explosion; ignition.*

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INTRODUCTION [HEADING 1 STYLE]

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SUPPLEMENTARY HEADING 1 [HEADING 1 STYLE]

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Supplementary Heading 2 [Heading 2 style]

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OPTIONAL DOCUMENT COMPONENTS

NOMENCLATURE LISTING (IF APPLICABLE) [HEADING 1 STYLE]

[Body Text style] If symbols are used extensively, a nomenclature listing, arranged alphabetically, must be included in the paper immediately following the Keywords listing. All *subscript* and *superscript* symbols appear separately in the listing. If units of measure are provided, place them in parentheses next to the applicable term. A table, as provided below, can be used to simplify two column layout of nomenclature list.

a	apparatus dimension	T_o	ambient temperature (K)
c_p	specific heat	t	time (s)
H	half-length of the window (m)	x	dimension into glass (m)
	heat transfer coefficient		
h	(W/m ² k)	y	away from edge (m)
	absorbed radiant heat flux		
I	(kW/m ²)	z	along edge (m)
k	thermal conductivity	Greek	
L	glass thickness (m)	γ	emissivity
l	decay length (m)	∇	thermal diffusivity (m ² /s)
q	heat flux (kW/m ²)	subscripts	
s	shaded length (m)	L	ambient side of glass pane
T	temperature (K)	o	fire side of glass pane

Abbreviations and acronyms

[Abbreviations and acronyms style] Write out abbreviations or acronyms at their first mention in the text followed by the abbreviation or acronym in parenthesis.

Symbols

[Symbols style] Symbols in the text of the document should be italic. Symbols must be defined either in the text or in a Nomenclature Listing table. Symbol definitions should include the units of the symbol.

Equations

[Equation style] Equations are numbered consecutively in the text and referred to as Eq. 1, etc. If the equation reference is the first word in a sentence, then spell the word Equation. An Equation style has been provided which includes a right aligned tab stop for the equation number and extra space after the paragraph.

$$\rho C \frac{\partial T}{\partial t} = \lambda \Delta T + \dot{q} \quad (1)$$

Figures

- All figures must have a number and caption [Caption style], i.e., Fig. 1. Fire in unoccupied building. A single space separates the word Fig. and the figure number, as well as the figure number and caption. Number figures consecutively with Arabic numerals.
- Figure captions are centered below the figure, in sentence case with a period at the end.
- In the text, references to figures are numbered consecutively and referred to as Fig. 1, etc.
- Figures are centered.



Fig. 1. Figure caption, sentence case, with period at the end. [Caption style]

Tables [Heading 2 style]

- All tables must have a number and title [Table Title style], i.e., Table 1. Heat fluxes selected for the preheating region. A single space separates the word Table and the table number as well as the table number and title. Number tables consecutively with Arabic numerals.
- Table titles are placed above the table, centered, in sentence case, with a period at the end.
- Tables are centered.

Table 1. Table title, sentence case with period at the end. [Table Title style]

Column 1	Column 2	Column 3 ^b
Left align text in table rows for better legibility ^a .	31	449.6
Sample text	30	88.8
Sample text	29	516.5
Sample text	29	6.4

^aTable footnotes are referenced by superscript letters

^bDecimal alignment of numbers in columns improves legibility

REFERENCES [HEADING 1 STYLE]

- Indicate references *in the text* using full-size numbers in brackets, i.e., [1]. References are numbered consecutively in the text.
- Include the full title in the *references list* [Reference style]. The reference style formats the indented paragraph and applies consecutive numbers to items in the list.
- DOI citations should be included in references where available. DOIs can be found by inserting reference text at the following site: <http://www.crossref.org>
- References are fully justified.

- [1] McCaffrey, B.J., Quintiere, J.Q. and Harkleroad, M.F. (1981) Estimating Room Temperatures and the Likelihood of Flashover Using Fire Test Data Correlations, *Fire Technology* 17:98-119, <http://dx.doi.org/10.1007/BF02479583>
- [2] Drysdale, D., *An Introduction to Fire Dynamics*, John Wiley and Sons, Chichester, 1985, p. 146.
- [3] Heskestad, G., "Fire Plumes," *The SFPE Handbook of Fire Protection Engineering (2nd ed)*, DiNenno P.J. (ed.), National Fire Protection Association, Quincy, MA 02269, 1995, p. 2/9.
- [4] Hall, J.R., "On People and Chance: the 'Hard' Facts about the 'Soft' Branches of Fire Safety Science," *Fire Safety Science -- Proceedings of the Sixth International Symposium*, International Association for Fire Safety Science, 2000, pp. 23-40.