REVIEWER INFORMATION FORM

Name (Family Name, Given Name):			
Title:		**Affiliation:**	
Elsevier Associated Email:			
Website:			
ORCID#:			
Scopus Link:			
Google Scholar:			
Telephone #:			

There have been some changes to the Colloquia for the 40th ISOC. Please review the Colloquium Descriptions on page 2 or refer to the Call for Papers on The Combustion Institute's page if you have questions.

The Program Co-Chairs would like to focus reviewer invites to only the Colloquia Topics you are most interested in. Below, after indicating the total number of papers you are willing to review, please rank Colloquia Topics where you would like to review papers.

Total number of papers you are willing to review (1-10+) Avg. - 4:					
First Choice Colloquium Topic:					
First Choice Colloquium Keywords (Please provide 4-5):					
Second Choice Colloquium Topic:					
Second Choice Colloquium Keywords (Please provide 4-5):					
Third Choice Colloquium Topic:					
Third Choice Colloquium Keywords (Please provide 4-5):					
General Description of Expertise in the Above Colloquia					
Experimental:	yes/no	**Computation/Simulation:**	yes/no	**Theory:**	yes/no

In order to keep an accurate record, on page 2 please mark all Colloquia that you would be comfortable reviewing papers should we need additional reviewers.

Please return your completed form to office@combustioninstitute.org.

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Please put an X by each Colloquium specialty below which you are willing to review.

1. ___ Combustion Fundamentals: Gas-Phase Reaction Kinetics including the kinetics of hydrocarbons, oxygenated fuels, and alternative fuels, formation of gaseous pollutants and particulates, elementary reactions, and mechanism generation and reduction.

2. ___ Combustion Fundamentals: Heterogeneous Combustion including fundamental aspects related to pyrolysis, oxidation, smoldering, gasification, and ash formation from coal, biomass, and wastes, as well as combustion of propellants and metals.

3. ___ Combustion Fundamentals: Flame Dynamics and Transport Processes including experiments, theory, and modeling applied to laminar flame, ignition, structure, propagation, extinction, dynamics, and instabilities, as well as atomization, combustion of droplets, sprays and supercritical fluids.

4. ___ Combustion Fundamentals: Detonation including fundamental principles governing high-speed reactive flows, dynamic structural and stability issues in flame acceleration, DDT and pulse detonation.

5. ___ Combustion Research Tools: Diagnostics including the development and application of diagnostic techniques and sensors for the understanding and control of combustion and reacting flow phenomena.

6. ___ Combustion Research Tools: Numerical Combustion including discretization and meshing techniques, high-order methods, high performance computing, machine learning, artificial intelligence, uncertainty quantification, experimental design, and generation of numerical data.

7. ___ Combustion Applications: Turbulent Flames including experiments and modeling applied to ignition, structure, propagation, extinction, stabilization, dynamics, and instabilities.

8. ___ Combustion Applications: Fire Research including fundamental aspects of ignition, burning, spread and suppression of fire, as well as fire safety and applications to industrial, building fire, and urban/wildland fire.

9. ___ Combustion Applications: Explosions Hazards, Detonation Applications and Supersonic Combustion including flame acceleration, DDT, rotating- and pulse-detonation engines, constant volume combustion engines, and scramjet-engines.

10. ___ Combustion Applications: Propulsion including device-specific aspects of fuels, emissions, injection, stability, and combustion dynamics (e.g. ignition, quenching, thermos-acoustics) in reciprocating internal combustion engines, gas turbines (for propulsion and power generation), and rocket engines.

11. ___ Combustion Applications: Combustion Technology including MILD, hybrids, Plasma assisted, oxy-fuel, and metal combustion as well as formation, growth, and destruction of carbon nanostructures and synthetic particles.

12. ___ Combustion Impact and Mitigation: Emission Mitigation From Flames including the formation, growth, characterization and destruction of soot, PAHs, carbon nanostructures, and other nanoscale materials, NOx, NH2, NH3, and SOx.

13. ___ Combustion Impact and Mitigation: Low-Carbon Technologies including waste and biomass to energy, carbon capture, Fuel cells, chemical looping, use of alternative fuels, system level analysis, and LCA.

Add keywords and descriptions of the above areas of expertise (with a ; between them, add additional pages if necessary):

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