

2024 Great Britain Section of The Combustion Institute Report

Section Website: <https://www.combustion.org.uk>

Section Chair: Nedunchezhian Swaminathan

Section officers and board members with titles:

- Officers
 - Prof. Nedunchezhian Swaminathan (Chair)
 - Dr Kevin. J. Hughes (Treasurer)
 - Dr Salvador Navarro-Martinez (Secretary)
- Board Members
 - Prof. Epaminondas Mastorakos (Comb. Flame, CI Board)
 - Dr Roger Cracknell (CI Board)
 - Dr Andrew Aspden (Webmaster & Newsletter)
 - Dr Brian Peterson
 - Dr Suresh Sadasivuni
 - Dr Agustin Valera-Medina
 - Dr Konstantina Vogiatzaki
 - Dr Andreas Guisti.

Members of the section:

Active Members	168
Non-Student Members	132
Student Members	36

Has the section revised its by-laws since 2022?

- No

Section meetings and workshops since 2022:

- Section Meetings
 - 19/Jan/2022
 - 18/May/2022 (committee meetings - CM)
 - 27/Oct/2022 (AGM)
 - 10/Jan/2023
 - 30/May/2023 (CM)12/Sep/2023 (AGM)
- Workshops and Symposia
 - 27/Oct/2022 - H2 Combustion - current trends, attended by about 60 people - Sponsored by Rolls-Royce
 - 12/Sep/2023 - Current Research in Combustion, about 65 people
 - 8/Dec/2023 - H2 Combustion Meeting 2023, about 110 people attended.
 - These meetings were run jointly by CIBS/IoP-Combustion Physics Group.

Other activities:

- N/A

Awards given by section:

- Sugden Prize: For 2022 - L. Berger, A. Attili, and H. Pitsch, "Intrinsic instabilities in premixed hydrogen flames: parametric variation of pressure, equivalence ratio and temperature. Part 2 – non-linear regime and flame speed enhancement", Combustion and Flame, vol. 240, 111936, (2022)
- Hinshelwood Prize: For 2022 - Dr Andrea Giusti, Imperial College London
- Gaydon Prize: For 2022 - V. Patel, N Lokachari, S. Gail, R. Cracknell, and H. J. Curran, "An experimental auto-ignition and kinetic modelling study of binary and ternary cyclopentane/toluene/diisobutylene/iso-octane mixtures", Proc. Comb. Inst. 39, 4959-4968, (2023)
 - Further detail on these Awards can be found at <https://www.combustion.org.uk/awards>

Special achievements attained by section members:

- Professor Mastorakos, Cambridge - elected as Fellow of Royal Academy of Engineering, UK, in 2022

Does your Section plan to organize the international Combustion Institute Summer School (CI-SS)?

- No

If you selected "Yes" which year will it be carried out?

- N/A

Other information you may want to report:

- N/A