



The Combustion Institute

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2018 Italy Section of The Combustion Institute Report

Section Website: <http://www.combustion-institute.it/>

Section Chair: Fabrizio Scala

List section officers and board members with titles:

Fabrizio Scala, Università Federico II di Napoli, Chairman, Treasurer
Donato Cecere, ENEA, Roma
Stefano Cimino, Istituto di Ricerche sulla Combustione, CNR, Napoli
Mario Commodo, Istituto di Ricerche sulla Combustione, CNR, Napoli, Secretary
Marco Derudi, Politecnico di Milano
Massimiliano Fantuzzi, Tenova, Milano
Lorenzo Morandi, Sofinter, Gallarate
Giovanna Ruoppolo, Istituto di Ricerche sulla Combustione, CNR, Napoli
Nunzio Russo, Politecnico di Torino

Members of the Italy Section:

Active Members	120-130
Non-Student Members	100-110
Student Members	20

Section meetings and workshops since 2016 with date and attendance information:

In 2016 the XXXIX Section Meeting was held in Naples, 4-6 July. 121 delegates participated at the meeting and 52 oral presentations + 21 work-in-progress posters were presented. Three plenary lectures (Umberto Arena, Second University of Naples; Alessandra Beretta, Politecnico di Milano; and Wolter Prins, Ghent University, Belgium) preceded the paper presentation sessions. During the meeting two round tables on Biofuels and Combustion Technologies for Flexible Energy Systems (chaired by Patrizio Massoli, Istituto Motori, CNR) and on Future Priorities in Combustion Safety (co-chaired by Almerinda Di Benedetto, University of Naples; and Ernesto Salzano, University of Bologna) were organized. For the first time, 4 awards were given to the best young researcher presentations.

In 2017 the XXXX Section Meeting was held in Rome, 7-9 June. 89 delegates participated at the meeting and 48 oral presentations + 10 work-in-progress posters were presented. Three plenary lectures (Piero Salatino, University Federico II of Naples; Hong G. Im, KAUST, Saudi Arabia; and Peter Glarborg, Technical University of Denmark) preceded the paper presentation sessions. During the meeting one round table on New Frontiers in the Emissions Control of Internal Combustion Engines (co-chaired by Francesco Di Natale, University Federico II of Naples, and Carlo Beatrice, Istituto Motori, CNR) was organized. 2 awards were given to the best young researcher presentations.

In 2018 the Joint Meeting of the German and Italian Sections of the Combustion Institute was organized in Sorrento, 23-26 May. The German and Italian Joint Meeting was a resounding success and attracted 152 delegates to Teatro Tasso in Sorrento. Attendees were mostly from Germany and Italy, but UK, USA, China, Spain, Austria, Brazil, Belgium, Switzerland and Saudi

Arabia were also represented. 76 oral presentations + 27 posters were presented. Three plenary lectures (Lasse Rosendahl, Aalborg University, Denmark; Ioannis Mantzaras, PSI, Switzerland; and Mara de Joannon, IRC, Italy) preceded the paper presentation sessions. 4 awards were given to the best young researcher presentations.

In addition to the national meetings, the Italian Section was involved in the organization of the Mediterranean Combustion Symposium (MCS) meeting in Naples, 17-21 September, 2017.

The Italian Section was selected, during the Board Meeting of the Federation of the European Sections of the Combustion Institute at the 8th European Combustion Meeting (ECM) in Dubrovnik, as the organizer of the 10th European Combustion Meeting which will be held in Naples in 2021.

Members of the Section were also active during the International Symposia with a significant number of oral presentations and posters presented at the meetings.

List other activities (e.g. section journals, projects, working groups, school for students, etc.)

The Section publishes the abstracts of the annual meetings in e-books (Proceedings of the Italian Section of the Combustion Institute, identified by ISBN) and publishes on the Italian Section webpage (www.combustion-institute.it) the extended abstracts of the papers presented at the conferences (each manuscript is usually identified by a DOI number).

List awards given by section with details:

No awards given.