



**The Combustion Institute**

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**2018 Greece Section of The Combustion Institute Report**

Section Website:

Section Chair: George Skevis

List section officers and board members with titles:

Dr George Skevis (CPERI/CERTH) President  
Prof Maria Founti (NTUA) Vice-President  
Prof Nikos Orfanoudakis (TEI Chalkis) Treasurer  
Dr Christos Keramiotis (NTUA) Secretary  
Dr Dionysis Kolaitis (NTUA) Member  
Mr George Paterakis (University of Patras) Member  
Dr Katerina Sardi (Regulatory Authority for Energy) Member

Members of the Greece Section:

Active Members +50  
Non-Student Members  
Student Members

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

The Greek Section of the Combustion Institute co-organized – on collaboration with the ECCO-MATE MC-ITN Project and the SMARTCATS COST Action - an Early Stage Researcher Conference on “Recent outcomes on Marine and Automotive Combustion Research”, on 8-9/6/2017 in Sounio, Greece.

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

The International Combustion Institute Summer School 2016 (ICISS2016) on Advanced Combustion Engine Technologies was held in the Mediterranean Agronomic Institute of Chania (MAICh) in Chania, Crete, Greece on 19-23 June 2016. ICISS2016 was co-organized by the Greek Section of the Combustion Institute and the ECCO-MATE EU Project (FP7-PEOPLE-2013-ITN, Grant No 607214) under the auspices and the financial support of the Combustion Institute.

The main objective of the ICISS2016 was to provide in-depth training of early stage researchers and engineers, from both academia and industry, in all aspects of science and technology of combustion in Advanced Internal Combustion Engines. Emphasis was given in the understanding of the multi-scale nature of the combustion process in engines and the development and application of numerical tools for detailed engine simulations. The course consisted of a blend of traditional lectures, seminars by industry experts, hands-on sessions on numerical simulation tools and case studies that also provided a forum for discussions and knowledge exchange.

ICISS2016 was attended by almost 100 students from Europe, Asia and the Americas. Lectures and instruction was provided by 21 lecturers from 6 countries. It is noteworthy that a significant proportion of the lectures (8 out of 21) came from leading EU and global industries.

Members of the Greek Section have participated in all major combustion-related events including

(1) The 36<sup>th</sup> International Symposium on Combustion, Seoul, Korea (2016)

- (2) The 8<sup>th</sup> European Combustion Meeting (ECM2017), Dubrovnik, Croatia.  
with oral and poster presentations.

Members of the Board of the Greek Section have actively participated in European Networks and Associations and both promoted the work of the Institute and opened up new roads for increased collaborations.

- (1) Dr George Skevis has been elected Vice-Chair of the SMARTCATs (CM1404) COST Action ([www.smartcats.eu](http://www.smartcats.eu)) in 2015. SMARTCATS is a Europe-wide network of leading academic and research institutions and key industries to promote the use of smart energy carriers on a large scale and to support distributed energy generation strategies.
- (2) Prof Maria Founti ERCOFTAC has been elected Coordinator of ERCOFTAC Greek Pilot Centre (2014). The Greek Pilot Center is represented by six laboratories from four Greek Universities that have been involved with ERCOFTAC activities related to combustion.

List awards given by section with details:

No awards given.