

Report of the German Section of the Combustion Institute (including Austria and Switzerland) 2014-2016

1. List of officers

List of officers (elected until September 2019):

Prof. Dr.-Ing. Henning Bockhorn, KIT Karlsruhe (Chairman)

Prof. Dr.-Ing. Johannes Janicka, TUD Darmstadt (Vice-Chairman)

Dr. Ruud Eggels, Rolls-Royce Germany, Blankenfelde

Prof. Dr.-Ing. Heinz Pitsch, RWTH Aachen

Prof. Dr. Christof Schulz, University Duisburg

Prof. Dr.-Ing. Roman Weber, TU Clausthal

Prof. Dr.-Ing. Victor Scherer, University Bochum, as representative of DVV e.V (DVV: German Flame Research Committee)

Secretary: Ms. Josée Kupferschmid

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2. Active members (by June 2016)

The German Section counts 235 members by the end of June 2016 (including members from Austria and Switzerland)

3. Activities over the past two years

In 2015 the biennial meeting of the German Section of the Combustion Institute – 27. *Deutscher Flammentag (German Flame Day)* – at the Technical University Clausthal in Clausthal-Zellerfeld on September 16-17, was conducted. The programme of the meeting, which is traditionally organized in collaboration with the German Association of Engineers (VDI) and the German Flame Research Committee (DVV), covered the areas: Large Furnaces in power plants, Process Furnaces and Thermal Treatment, De-centralised Furnaces, Combustion in Engines and Gas Turbines, Metrology and Experimental Fundamental Research, and Mathematical Modelling and Simulation. Around 200 scientists mainly from Germany had a very interesting two-days meeting.

During the Opening Ceremony of the 27th German Flame Day, the chairman of the German Section Professor Bockhorn presented the Wilhelm-Jost-Award to Dr. Oliver Welz for outstanding research in the field on Combustion. The Wilhelm-Jost Award incloses a sum of 3000,- €. Professor Görner presented the Rudolf-Günther-Award to Professor Dr. Joachim Werther, TU Hamburg-Harburg, for outstanding merits in research and development of high temperature process technology (*für seine herausragenden, langjährigen Leistungen aud dem Gebiet der Hochtemperatur Verfahrenstechnik*).

The general meeting of the members of the German Section of the Combustion Institute took place during the “27th Flame Day”. As the four-years term of the Board ended with the general members meeting in September, the board had to be newly elected. During the meeting some changes of the by-laws to comply with the German legislation had to be discussed and were accepted. One of these extensions of the by-laws concerned the number of members of the board, which is now 4-6 members. The members elected as a new member of the board Dr. Ruud Eggels, Rolls-Royce Germany. The other members of the board were re-elected.

Further activities of the German Section of the Combustion Institute encompassed supporting and co-organizing international and national meetings:

1. The German Section could financially support 14 PhD students with scholarships to present their papers resp. posters at the 35th Symposium in San Francisco in August 2014.
2. The German Section could support 22 PhD students with scholarships to participate in the 7th European Combustion Meeting (ECM2015) in Budapest and to present their research there. About 30% of the participants of that meeting were from Germany, Austria and Switzerland.
3. A French-German Joint Meeting on Space propulsion was organized by the French Section and took place May 24-25, 2016 in Toulouse.
4. The German Section of The Combustion Institute is supporting 29 PhD students with scholarships to participate the 36th Symposium on Combustion in Seoul.

In 2017 the German Section will be supporting and participating actively in the 8th European Combustion Meeting (ECM2017) in Dubrovnik and supporting financially PhD students for joining this meeting. Further the 28th German Flame Day will take place in September 2017, probably at the Technical University in Darmstadt.