



CIMAC

THE INTERNATIONAL COUNCIL ON COMBUSTION ENGINES



CIMAC
empowering combustion
engines worldwide



Welcome to the 5th CIMAC CASCADES in Busan

- What does CIMAC stand for?
- CIMAC History, Aim, Members
- CIMAC CASCADES

Yasuhiro Itoh (Niigata Power Systems Co.,Ltd.)
CIMAC Past President

2014.10.23





What does CIMAC stand for?

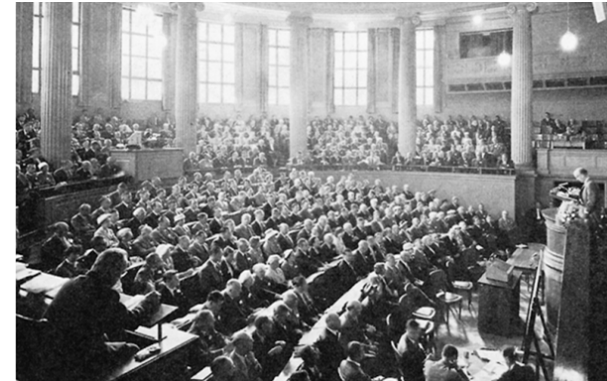
CONSEIL

INTERNATIONAL DES

MACHINES

A

COMBUSTION



International Council on Combustion Engines

- Founded 1951 in Paris
- Comprises interested members in the IC engine business worldwide
- To bring together engine manufacturers, users, suppliers, oil companies, classification societies, research organizations and universities
- 16 National Member Associations, 16 Corporate Members in 10 Countries
- Promote exchange of scientific and technical information via Congresses, CIMAC Circles, CASCADES and Working Group activities
- Issue publications and support work in the area of standardisation



CIMAC

THE INTERNATIONAL COUNCIL ON COMBUSTION ENGINES



CIMAC

THE INTERNATIONAL COUNCIL ON COMBUSTION ENGINES

[ABOUT CIMAC](#) | [EVENTS](#) | [WORKING GROUPS](#) | [PUBLICATION & PRESS](#)



CIMAC
empowering combustion
engines worldwide

Welcome to CIMAC, the International Council on Combustion Engines

CIMAC is a worldwide non-profit association consisting of National Member Associations, National Member Groups and Corporate Members in 26 countries in America, Asia and Europe. It brings together manufacturers of diesel and gas engines and gas turbines, users such as shipowners, utilities and rail operators and also suppliers, oil companies, classification societies and scientists. [read more](#)

WORKING GROUPS

All CIMAC Working Groups are established to find solutions to technical, commercial and



[see all groups](#)

MEMBER LOG IN

E-Mail address

Password

For our Members we offer additional services which are available when you are logged in.

[Log in](#)

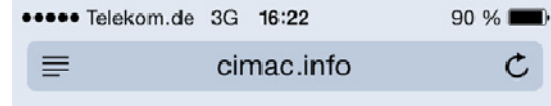
[Forgot password](#)

[NEWS](#)

[see all News](#)

[TECHNICAL DATABASE](#)

[HIGHLIGHTS](#)



CIMAC

THE INTERNATIONAL COUNCIL ON COMBUSTION ENGINES

[MENU](#)



CIMAC
empowering combustion
engines worldwide

Welcome to CIMAC



For further information; Please visit CIMAC website
www.cimac.com (smartphone version is also available)



CASCADES -Seminar for Younger Engineers-

CAse **S**tudies in **C**ombustion engine **A**pplications and
Design **E**xperiences**S**



CASCADES

Aim:

- To present case studies from latest development projects in a dedicated field
- To offer networking possibility for younger engineers
- To train younger engineers about management tools (project management)
- To present tools on the basis of concrete projects/case studies in companies
- To inspire students for the large engine branch
- To promote CIMAC, the hosting National Member Association and the sponsors

Target group:

- **Younger engineers or project managers**, having started their professional career
- **Students** who are interested in the large engine industry

To motivate younger speakers:

- Award for the best presenter, free entrance for the next CIMAC Congress

CASCADES

Sequence of **CASCADES** events
In the years between the Congresses:

- | | |
|---------------------|---------------------------------------|
| ■ 2009.11.29 | 1st CASCADES, Hamburg |
| ■ 2010.6 | <i>CIMAC Congress Bergen</i> |
| ■ 2011.11.17 | 2nd CASCADES, Tokyo |
| ■ 2012.6.8 | 3rd CASCADES, Zurich |
| ■ 2013.5 | <i>CIMAC Congress Shanghai</i> |
| ■ 2014. 3.14 | 4th CASCADES, London |
| ■ 2014.10.23 | 5th CASCADES, Busan |
| ■ 2015.2.23-27* | 6th CASCADES, Salzburg or Graz (*TBD) |
| ■ 2015 Autumn | 7th CASCADES, China (planned) |





CASCADES

Further improvement:

- to increase student's participation
- to increase involvement of NMAs, countries, enterprises, universities etc.

The CIMAC CASCADES seminar;

- is well recognized and becoming an important event of CIMAC.
- its concept and operation model are confirmed to be on the right track.
- We are working on further improvements for a successful continuation of CASCADES.



CIMAC

THE INTERNATIONAL COUNCIL ON COMBUSTION ENGINES

5th CIMAC CASCADES in Busan

Gas Engines?

- the Viable Alternative for ECAs

CIMAC

Korea Federation of Combustion Engine (KOFCE)