

REGULATIONS for “KIVI Fluid and Solid Mechanics Awards”

The Mechanics section of the Royal Netherlands Society of Engineers (KIVI) annually awards two prizes, one for the best PhD thesis in the field of Solid Mechanics and one in the field of Fluid Mechanics. The names of the awards are linked to Prof. Dr. Ir. C. B. Biezeno and Prof. Ir. C.J. Hoogendoorn.

1. Aim

- a) To highlight the importance of applied Solid and Fluid Mechanics research being conducted at the universities to society in general and industry in particular.
- b) To inspire the engineering industry and society through the results of PhD work.
- c) To form an incentive for students to graduate in this direction and for businesses to maintain contact with the field.
- d) To strengthen the relations between PhDs and research institutes that are active in Solid and Fluid Mechanics (EM and JMBC) and KIVI.

2. Participation

Participation is open to all PhDs who have completed a dissertation in the field of Solid Mechanics (Biezeno Award) or Fluid Mechanics (Hoogendoorn Award).

3. Nominations

Award nominations must be made by the promoter or co-promoter. The dissertations must be defended between July 1st of the previous year and June 30th of the concerning year. Every year in May the research schools will send out a call for nominations.

Nominations must include: (1) a supporting letter from the promoter or co-promoter; (2) a full CV of the candidate with a list of publications; (3) a summary of the dissertation; (4) four copies of the dissertation.

In general, the deadline for submission of nominations is July 1st of the concerning year for the Biezeno Award and October 1st of the concerning year for the Hoogendoorn Award. In 2018, the submission period for nominations for the Biezeno Award is extended, with the deadline set at Monday September 10th.

The promotor or co-promotor will guarantee that if his/her PhD wins the Award he/she can attend the award winning ceremony in case travel/hotel costs are required.

4. Selection procedure

KIVI section Mechanics asks the boards of the research schools to appoint a selection committee and make a recommendation.

The director of the research school will invite the members of the award committee and provides the criteria on the basis of which the winning thesis is to be selected.

At least one professional from the industry will participate in the award committee, for which KIVI will make suggestions.

In general, the evaluation by the committee will take place between July and late September for the Biezeno Award and between October and late December for the Hoogendoorn Award of the concerning year. In 2018, the evaluation by the committee will take place later than normal for the Biezeno Award, on October 8th.

The board of KIVI section Mechanics takes the final decision on basis of the recommendation of the award committees.

5. Assessment

The criteria include both scientific excellence and industrial relevance or applicability. For the assessment of the PhD work, scientific excellence is a first criterion, which must be demonstrated by publications of high quality.

Additional importance is also given to the following factors:

- originality and inventiveness
- practical application or possible application; preferably demonstrated through test set-ups, industrial simulations, etc.
- simplicity while retaining the essential characteristics
- sustainability

The criteria related to the list above that were used in the assessments by the award committee will be detailed at the award ceremony.

6. Awards and Publicity

After the recommendation of the award committees, the management of KIVI section Mechanics decides and informs the winners within two weeks.

The award ceremony will take place during the annual symposia of the research schools operating in the two disciplines (EM and JMBC).

The award will consist of a certificate, an Award trophy and an amount of € 750,- granted by the KIVI.

The winner will be asked to submit a summary accessible for a broad (engineering) audience which can be used by the EM and JMBC research schools and the KIVI for promotional purposes. This will be determined in consultation with KIVI section Mechanics.

The result of the Mechanics awards will be announced in media such as www.kivi.nl, De Ingenieur and Technisch Weekblad.

7. Termination Clause

KIVI section Mechanics reserves the right not to award the prize in case of circumstances beyond control. This will happen after consultation with the assessors. Examples are a small number of candidates or a low quality of submissions.

8. More information

For more information you can contact the chairman or secretary of KIVI section Mechanics.

www.kivi.nl/afdelingen/mechanica/bestuur-contact