

CALL FOR NOMINATIONS
FOR
THE HAROLD CHESTNUT CONTROL ENGINEERING TEXTBOOK PRIZE

The Harold Chestnut Control Engineering Textbook Prize is presented at each triennial IFAC World Congress for the best control engineering textbook for which the first edition(s) occurred not later than the Congress just prior to the one at which the award is presented. It recognizes the author(s) of the textbook(s) judged to have most contributed to the education of control engineers. The prize consists of a monetary prize and a certificate. This prize was created in 1986 and renamed the Harold Chestnut Control Engineering Textbook Prize in 2002, in honor of IFAC's first president.

Each nomination must be made by a nominator who is responsible for providing full and accurate information. Any person is eligible to serve as a nominator, with the exception of the chair/s and members of the Harold Chestnut Control Engineering Textbook Prize Selection Committee (Chair: Bozenna Pasik-Duncan, Vice-Chair: Antonio Visioli; Members: Ruth Bars, Bonnie Ferri, Miroslav Krstic, Iven Mareels, Henk Nijmeijer) and the IFAC Awards Chair (Janan Zaytoon). Please note that self-nominations are not allowed.

The Harold Chestnut Control Engineering Textbook Prize Selection Committee of the International Federation of Automatic Control (IFAC) calls for nominations for the Triennial Harold Chestnut Prize.

The Prize is awarded to the author(s) of a control engineering textbook that has most contributed to the education of control engineers. The Prize, consisting of a monetary award and a certificate, will be presented at the 22nd IFAC World Congress that will be held in Yokohama, Japan from 9-14 July 2023.

To be considered, nominations must relate to books that are:

1. Written in English (the official IFAC working language)
2. Published between 1 September 2014 and 31 July 2020.
3. No more than one IFAC Control Engineering Textbook Prize may be given for any particular textbook.
4. Textbooks (co-) authored by the chair/s and members of the Harold Chestnut Control Engineering Textbook Prize Selection Committee and by the IFAC Awards Chair are not eligible.

Nominations should include

- a) A nomination letter that states the full title, name(s) and address of the author(s), name of the textbook, date of publication, and name and address of the textbook's publisher;
- b) Evidence of the contribution/s of the textbook to the education of control engineers; and
- c) Any additional information that may support the judging process, as per the selection criteria listed below. It is important to note that only those book reviews in IFAC journals (*Automatica*, *Control Engineering Practice*, *Annual Reviews in Control*, *Engineering Applications of Artificial Intelligence*, *Journal of Process Control*, *Mechatronics*, *Nonlinear Analysis: Hybrid Systems*, *IFAC Journal of Systems and Control*) and journals of IFAC NMOs, as well as other reputable academic journals (e.g. *IEEE Transactions*) will be considered.

All nominations will be evaluated using the selection criteria:

- Originality and innovation
- General content in terms of the topics covered
- Clear applications to real problems
- Style:
 - Presentation, readability and clarity in relation to the content
- Meeting educational objectives:

- Clear statement of what students should be able to do
- Worked examples and exercises
- Software support
- Multi-disciplinary examples (cross-boundary applications of control)
- Use by practicing engineers

To be considered, nominations must be received by **1 February 2023**. All submissions should be sent via e-mail as a single PDF file containing all required information.

If the prize-winning textbook is written by more than one author, the monetary component of the prize will be equally split among the authors with each author receiving a certificate. The winner(s) will be notified well in advance to allow for planning their attendance in Yokohama. Winner/s are kindly requested to not inform anyone of the win prior to the Congress, in particularly the textbook's publisher.

Please submit nominations to:

Prof. Bozenna Pasik-Duncan (University of Kansas, US), bozenna@ku.edu
<https://www.ifac-control.org/awards/textbook-award>