

Joint TEMS/Systems Council TAC

The IEEE TEMS and the Systems Council have jointly formed a Technical Committee on Carbon Neutrality led by Professor Shiyun Hu. The goals of this joint TC include, but are not limited to,

- Develop, promote and support research and education related to carbon neutrality;
- Develop and evaluate strategies and methodologies related to carbon neutrality;
- Promote systems engineering, data analytics, and artificial intelligence techniques for carbon neutrality;
- Develop carbon neutrality related international standards and promote them to the user, industrial, and government communities;
- Maintain liaisons with other IEEE societies and councils, through their TCs, and other international organizations working in the related areas.

IEEE TEMS Publications

The IEEE TEMS publications committee is developing a new offering called TEMS Briefs due to start publication in January of 2022. This publication is dedicated to provided short (500 word) informative articles written by industry professionals addressing common challenges faced by engineering managers and leaders. If you are interested in contributing, please contact Mark Wehde (wehde.mark@mayo.edu).

IEEE TEMS 2020 Financial Results

Despite the uncertainty of the pandemic year, IEEE TEMS had a very positive financial outcome in 2020. Key highlights include a significant unexpected positive variance on our periodicals. We believe that was due to eliminating paper copies of the IEEE TEMS Transactions as part of the membership.

Surprisingly our conference revenues were up and we also, not unexpectedly, saved significant on travel expenses for committees and the AdCom meetings.

IEEE TEMS Society and Council Review for IEEE TEMS 2021

Key Points:

- The IEEE TEMS transition from a council to a society in 2015.
- In 2021, several years of effective leadership has led to a solid financial position and the society has been removed from the watch list.
- Several recommendations were shared with the Society subsequent to the review including:
 - Establishment of a society strategic plan
 - Develop a leadership succession plan supporting diversity in leadership
 - Emphasize member recruitment in underrepresented regions
 - Focus on developing effective technical committees to increase volunteer engagement and value to members.
 - Partner with other societies and councils with overlapping interests
 - Consider developing co-sponsored publications.
 - Develop educational offerings for revenue and member value
 - Invest surplus in strategic activities