

IEEE Computational Intelligence Society
AdCom Meeting, July 18 – 19, 2020
Virtual

Present CIS EXCOM Members

President:	Bernadette Bouchon-Meunier
President, Finance:	Pablo Estevez
Vice President, Technical Activities:	Luis Magdalena
Vice President, Conferences:	Marley Vellasco
Vice President, Education:	Simon Lucas
Vice President, Publications:	James Keller
Vice President, Members Activities:	Carlos Coello Coello

Present Elected ADCOM Members (voting):

Cesare Alippi
James Bezdek
David Fogel
Gary Fogel
Barbara Hammer
Catherine Huang
Hisao Ishibuchi
Janusz Kacprzyk
Sanaz Mostaghim
Alice Smith
Kay Chen Tan
Christian Wagner
Ronald Yager
Gary Yen
Jacek Zurada

Absent: Nik Pal

Editors and Chairs in Attendance:

Editor, Trans. on Neural Networks and Learning Systems:	Haibo He
Editor, Trans. on Fuzzy Systems:	Jonathan Garibaldi
Editor, Trans. On Evolutionary Computation	Kc Tan
Editor, Computational Intelligence Magazine:	Chan Kang Ting
Editor, Trans. on Games:	Julian Togelius
Editor, Trans on Cognitive & Developmental Systems:	Yaochu Jin
Editor, Trans. on Emerging Technologies on CI:	Yew Soon Ong
Constitution & Bylaws (Chair):	David Fogel
Strategic Planning (Chair):	Piero Bonissone

Awards Committee (Chair):
History Committee (Chair):
Nominations (Chair):

Cesare Alippi
Gui DeSousa
Gary Yen

Staff:

Jo-Ellen Snyder
Tom Compton

Bouchon-Meunier called the meeting to order at 14:00.

Approval of Agenda and Previous Minutes

Motion: by Simon To approve the Agenda. Seconded by Marley
In Favor: All Opposed: None Abstained: None

Motion: by Sanaz: To approve the minutes from the July 2019 meeting. Seconded by Cesare
In Favor: All Opposed: None Abstained: None

President's Report – Bouchon-Meunier- Follow slides

- Pandemic Impact on CIS activities
- Editors-in-Chief Appointments

Motion: To reappoint Jon Garibaldi for his 3rd two-year term, beginning January 1, 2021 as Editor-in-Chief of the IEEE Transactions on Fuzzy Systems
In Favor: All Opposed: None Abstained: None

Motion: To reappoint Yew Soon Ong for his 3rd two-year term beginning January 1, 2021 as Editor-in-Chief of the IEEE Transactions on Emerging Topics in Computational Intelligence
In Favor: 18 Opposed: None Abstained: 1

Motion: To appoint Carlos Coello Coello for his 1st two-year term beginning January 1, 2021 as Editor-in-Chief of the IEEE Transactions on Evolutionary Computation.
In Favor: All Opposed: None Abstained: None

- Diversity and Inclusion Activities from IEEE
- Industry Relations

Past President – Nik Pal

- Report postponed.

VP Finance Report – Pablo Estevez – Follow Slides

- 2020 Budget Performance
- 2020 Publications backlog relief
- 2021 Budget Timeline
- 2021 Initiative Planning
- 2019 Year End Budget performance
- WCCI Registration Grants

Motion: To approve the first pass budget for 2021 with latitude of +/- 5% of net surplus.

In Favor: All Opposed: None Abstained: None

VP Publications Report – James Keller – Follow Slides

- Launch of IEEE transactions on Artificial Intelligence.
- Editors-in-Chief appointments
- IEEE CIS Press – Promotion of CIS Book Series
- Individual Journal reports

VP Conferences Report & Motions – Marley Vellasco - follow slides

- Update on 2020 CIS financially sponsored conferences
- Update on 2020 CIS technically sponsored conferences
- Reports from ConfCom Subcommittees
- Conferences Committee Operations Manual

Motion: Allow CIS ConfCom to negotiate with SPS, SMCS and CS all the details regarding the creation of the IEEE Conference on Artificial Intelligence (IEEE CAI) associated with the new IEEE Transactions on Artificial Intelligence (TAI).

In Favor: All Opposed: None Abstained: None

Motion: Only papers associated with the approved paper submission deadline by IEEE CIS Adcom can be published in IEEE Xplore.

In Favor: All Opposed: None Abstained: None

Motion: To approve the quick start worksheet in the IEEE budget xls subject to minor changes as directed by Confcom.

In Favor: 18 Opposed: None Abstained: 2 (G. Fogel, D. Fogel)

Motion: To approve the development of an IEEE CIS Conference Organizers Management Tool that will be embedded in the IEEE CIS website conference pages.

In Favor: All Opposed: None Abstained: None

Nominations Committee: – Gary Yen

- Overview of Officer Election Process

BEGIN EXECUTIVE SESSION

Nominations from the floor: President-Elect - None

Motion: by Lucas to close nominations for President-Elect. Seconded by Alippi

In Favor: All Opposed: None Abstained: None

Nominations from the floor: VP Publication - None

Motion: by Coello to close nominations for VP Publications. Seconded by Lucas

In Favor: All Opposed: None Abstained: None

Nominations from the floor: VP Education - None

Motion: by Vellasco to close nominations for VP Education. Seconded by Coello

In Favor: All Opposed: None Abstained: None

Nominations from the floor: VP Members Activities - None

Motion: by Lucas to close nominations for VP Members Activities. Seconded by Coello

In Favor: 19 Opposed: None Abstained: 1 (Mostaghim)

Motion: by D. Fogel to approve Jim Keller as President-Elect by acclamation. Seconded by Lucas

In Favor: All Opposed: None Abstained: None

Motion: by D. Fogel to approve Kay Chen Tan as VP Publications by acclamation. Seconded by Lucas

In Favor: All Opposed: None Abstained: None

Motion: by D. Fogel to approve Julia Chung as VP Education by acclamation. Seconded by Lucas.

In Favor: All Opposed: None Abstained: None

Motion: by D. Fogel to approve Sanaz Mostaghim as VP Members Activities by acclamation. Seconded by Vellasco

In Favor: All Opposed: None Abstained: None

END EXECUTIVE SESSION

The elected President-Elect 2021 is Jim Keller

The elected Vice President – Publications 2021-2022 is Kay Chen Tan

The elected Vice President – Education 2021 - 2022 is Julia Chung

The elected Vice President – Members Activities 2021-2022 is Sanaz Mostaghim

AdCom Open Discussion

Recess Until 14:00 – Sunday July 19, 2020

Meeting Reconvened at 14:02

VP Technical Activities Report – Luis Magdalena – Follow Slides

- Updates from TCs
- Sunsetting inactive TFs
- New TFs formed in 2020
- Proposals for new TCs
- CIS Technical Activities future plans
- Technical Challenge – IEEE Dataport
- IEEE Brain Technical Community
- Mentoring Program
- Revised Operations Manual

Motion: To approve the changes to the TA Operations Manual.

In Favor: All Opposed: None Abstained: None

VP Members Activities Report – Carlos Coello Coello - Follow Slides

- Membership Stats
- Diversity & Inclusion
- Chapter Activity Reports – Upcoming Chapter forum
- WCI Activities

- Travel Grants – Modified Program
- Young Professionals
- Distinguished Lecturers – Challenges during Pandemic
- Student Activities
- Webinars
- Industry Liaison

VP Education Report: Simon Lucas – Follow Slides

- Diversity & Inclusion
- Graduate Student Research Grants: Annabel
- Competitions & SWOT Analysis
- Summer Schools – Challenges cause by the pandemic, post summer school survey
- Content Capture – content on IEEE TV, promotion opportunities
- Content Curation
- High School Outreach – joint activities with WCI
- Leveraging the right technologies (H5P, P5Processing, Version Control, Interactive Content)

Awards Committee: Cesare Alippi – Follow Slides

- Overview of Awards Committee composition
- Nomination statistics

BEGIN EXECUTIVE SESSION

Motion: To Bestow the 2021 IEEE CIS Neural Networks Pioneer Award to Sepp Hochreiter, For contributions to the development of the long short-term memory architecture. In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS Fuzzy Systems Pioneer Award to Lawrence O. Hall, For acceleration methods in fuzzy clustering and medical image interpretation. In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS Fuzzy Systems Pioneer Award to Kazuo Tanaka, For contributions to fuzzy control systems design and analysis. In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS Evolutionary Computation Pioneer Award to Carlos Coello Coello, For contributions to evolutionary multi-objective optimization and constraint-handling techniques. In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS Meritorious Service Award to: Nikhil R. Pal,

For his leadership in the Computational Intelligence Society and its publications.
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS Outstanding Early Career Award to Zhi-Hui Zhan,
For contributions to the efficiency of swarm optimizers.
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS PhD Dissertation Award to Shouyong Jiang
For his dissertation entitled "Evolutionary Algorithms for Static and Dynamic
Multiobjective Optimisation."
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS Outstanding Chapter Award to IEEE CIS Student Chapter
at the Universidade de Brasilia, For promoting computational intelligence among
students, industry, and academia
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIS Outstanding Organization Award to McAfee
For excellence in applying computational intelligence to cybersecurity.
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE TNNLS Outstanding Paper Award to C. L. Philip Chen and
Zhulin Liu, for the paper entitled "Broad Learning System: An Effective and Efficient
Incremental Learning System Without the Need for Deep Architecture", IEEE
Transactions on Neural Networks and Learning Systems, vol. 29, no. 1, pp. 10-24,
January 2018..
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE TFS Outstanding Paper Award to
Armando Segatori, Francesco Marcelloni, Witold Pedrycz for the paper entitled
"On Distributed Fuzzy Decision Trees for Big Data", IEEE Transactions on Fuzzy
Systems, vol. 26, no. 1, pp. 174-192, February 2018..
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE TEVC Outstanding Paper Award to
Xingyi Zhang, Ye Tian, Ran Cheng, Yaochu Jin, for the paper entitled
"A Decision Variable Clustering-Based Evolutionary Algorithm for Large-scale Many-
objective Optimization", IEEE Transactions on Evolutionary Computation, Vol. 22, No.
1, pp. 97-112, February 2018.
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE TCDS Outstanding Paper Award to Tiffany Hwu, Alexander Y. Wang, Nicolas Oros, Jeffrey L. Krichmar, for the paper entitled “Adaptive Robot Path Planning Using a Spiking Neuron Algorithm with Axonal Delays”, IEEE Transactions on Cognitive and Developmental Systems, Vol.10, No. 2, pp. 126 –137, June 2018.
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE Transactions on Games Outstanding Paper Award to Nicolas A. Barriga, Marius Stanesco, Michael Buro, for the paper entitled “Game Tree Search Based on Nondeterministic Action Scripts in Real-Time Strategy Games”, IEEE Transactions on Games, Vol. 10, No. 1, pp. 69 – 77, March 2018.
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE TETCI Outstanding Paper Award to Mirco Ravanelli, Philemon Brakel, Maurizio Omologo, Yoshua Bengio, for the paper entitled “Light Gated Recurrent Units for Speech Recognition”, IEEE Transactions on Emerging Topics in Computational Intelligence, Vol. 2, No. 2, pp. 92-102, April 2018.
In Favor: All Opposed: None Abstained: None

Motion: To Bestow the 2021 IEEE CIM Outstanding Paper Award to Tom Young, Devamanyu Hazarika, Soujanya Poria, Erik Cambria, for the paper entitled "Recent Trends in Deep Learning Based Natural Language Processing", IEEE Computational Intelligence Magazine, Vol. 13, No. 3, pp. 55-75, August 2018.
In Favor: All Opposed: None Abstained: None

END EXECUTIVE SESSION

CIS Strategic Planning Report: Piero Bonissone

Constitution & Bylaws – David Fogel

Old Business

Motion: by D. Fogel to approve that the IEEE Computational Intelligence Society rename the IEEE Computational Intelligence Society Meritorious Service Award as the IEEE Computational Intelligence Society Enrique Ruspini Award for Meritorious Service
In Favor: 19 Opposed: None Abstained: 1 (Yao)

New Business

Motion: To revise the article structure and MOLPC for CIM as follows:
Types of Contributions
Three types of contributions are considered:

1. **Regular Papers (Papers).** A Paper presents significant research, development, or application of broad computational intelligence concepts. Papers should present a well-rounded treatment of a problem, which places the presented solution in the context of related research work. The maximum length for Papers is typically 10 pages of formatted text (including figures and references) in standard IEEE two-column format. Authors of Papers should specify on the first page of their submitted manuscript up to 5 keywords.
2. **Correspondence (Letters).** A Letter is intended to serve as a vehicle for rapid publication of less discursive material. It may include brief research results, comments or correction of published results, and rebuttals in connection with previous publications. The maximum length for Letters is 6 pages in IEEE two-column format. Letters go through a shorter, one time (typically) review process.
3. **Survey/Review Papers (Surveys).** A Survey is a well-focused manuscript that puts recent progress into a broader perspective and accurately assesses the limits of existing theories. Surveys will typically be limited to 15 pages in IEEE two-column style format.

Mandatory Page Charges:

Effective from January 1, 2021, papers submitted to this magazine will be imposed mandatory over-length page charge for pages in excess of 10 pages for a regular paper, 15 pages for a survey paper, and 6 pages for a letter. Authors of papers accepted for publication will be assessed a mandatory page charge of \$200 (per page) for every page* over these limits. The manuscript length (excluding supplementary materials) with over-length page charge must be less than 15 pages for a regular paper, 21 pages for a survey paper, and 9 pages for a letter.

* The number of pages for an accepted paper is counted as per IEEE standard two-column format, even though the conversion into magazine style usually increases pages.

In Favor: All Opposed: None Abstained: None

Motion: by D. Fogel to extend the term of current 2020 Distinguished Lecturers for one year.
Seconded by G. Fogel
In Favor: 16 Opposed: None Abstained: 2 (Mostaghim, Smith)

Meeting Adjourned

Agenda and supporting materials can be found here:

<https://tawapps.ieee.org/mpt/Agenda.aspx?eid=16018>