



*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 IEEE SMC Lotfi A. Zadeh Pioneer Award*

*to*

*Stephen Grossberg*

*for seminal contributions to understanding brain cognition and behavior  
and their emulation by technology*



A handwritten signature in black ink, appearing to read 'Sam T. Kwong'.

Sam T. Kwong  
President  
IEEE SMC Society

A handwritten signature in black ink, appearing to read 'E. Tunstel'.

Edward Tunstel  
Awards Committee Chair  
IEEE SMC Society



*IEEE Systems, Man, and Cybernetics Society*

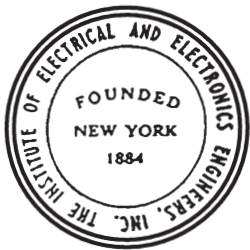
*is proud to present the*

*2022 Outstanding Contribution Award*

*to*

*Saeid Nahavandi*

*for outstanding contribution serving as the General Chair of the  
2021 IEEE SMC Society Annual Conference*



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**Sam T. Kwong**  
President  
IEEE SMC Society

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**Edward Tunstel**  
Awards Committee Chair  
IEEE SMC Society



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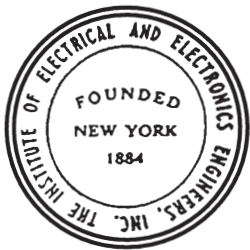
*is proud to present the*

*2022 IEEE SMC Early Career Award*

*to*

*Xiaojie Su*

*for significant contributions to the theory and industrial applications  
of fuzzy control*



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**Sam T. Kwong**  
President  
IEEE SMC Society

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**Edward Tunstel**  
Awards Committee Chair  
IEEE SMC Society



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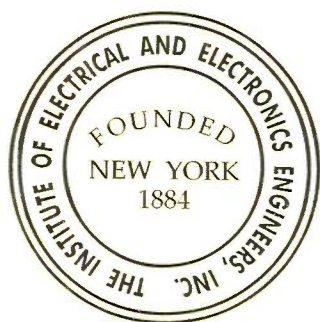
*is proud to present the*

## *2022 Meritorious Service Award*

*to*

*Anikó Szakál*

*for meritorious and significant service to IEEE SMC Society sponsored  
and technically co-sponsored conferences and symposia*



A handwritten signature in black ink, appearing to read 'Sam T. Kwong'.

*Sam T. Kwong*  
*President*  
*IEEE SMC Society*

A handwritten signature in black ink, appearing to read 'Edward Tunstel'.

*Edward Tunstel*  
*Award Committee Chair*  
*IEEE SMC Society*



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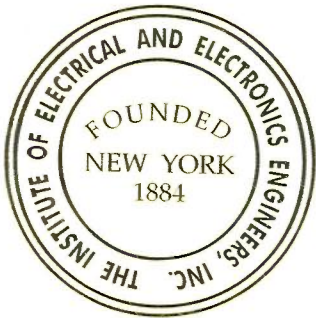
*is proud to present the*

## *2022 Meritorious Service Award*

*to*

*Chun Sing Lai*

*for meritorious and significant service to IEEE SMC Society  
technical activities and standards development*



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*Sam T. Kwong  
President  
IEEE SMC Society*

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*Edward Tunstel  
Award Committee Chair  
IEEE SMC Society*



# *IEEE Systems, Man, and Cybernetics Society*

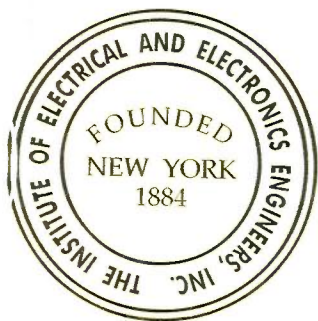
*is proud to present the*

## *2022 Meritorious Service Award*

*to*

*Christopher Nemeth*

*for meritorious and significant service leading IEEE SMC Society promotion,  
branding, and industrial liaison activities*



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*Sam T. Kwong*  
*President*  
*IEEE SMC Society*

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*Edward Tunstel*  
*Award Committee Chair*  
*IEEE SMC Society*



# *IEEE Systems, Man, and Cybernetics Society*

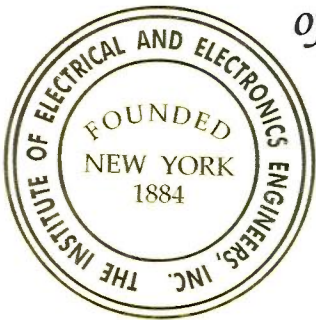
*is proud to present the*

## *2022 Meritorious Service Award*

*to*

*Robert Kozma*

*for meritorious and significant service organizing the landmark 50th Anniversary Issue  
of the IEEE Transactions on Systems, Man, and Cybernetics: Systems*



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*Sam T. Kwong  
President  
IEEE SMC Society*

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*Edward Tunstel  
Award Committee Chair  
IEEE SMC Society*



# *IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

## *2022 Meritorious Service Award*

*to*

*Anthony Maciejewski*

*for meritorious and significant service as Program Chair of the  
IEEE SMC 2021 conference*



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*Sam T. Kwong*  
*President*  
*IEEE SMC Society*

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*Award Committee Chair*  
*IEEE SMC Society*



# *IEEE Systems, Man, and Cybernetics Society*

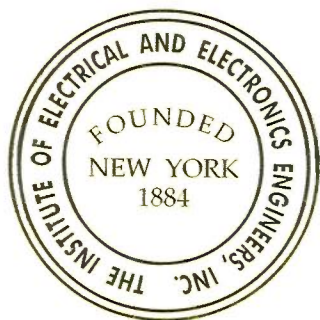
*is proud to present the*

## *2022 Meritorious Service Award*

*to*

*Jay (Jiacun) Wang*

*for meritorious and significant improvements to  
IEEE SMC Society project management and operations*



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*Sam T. Kwong  
President  
IEEE SMC Society*

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*Edward Tunstel  
Award Committee Chair  
IEEE SMC Society*



*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Andrew P. Sage Best Transactions Paper Award*

*to*

*Derui Ding, Qing-Long Han, Xiaohua Ge, and Jun Wang*

*for the paper*

*"Secure State Estimation and Control of Cyber-Physical Systems: A survey"*

*IEEE Transactions on Systems, Man, and Cybernetics: Systems*

*Vol. 51, No. 1, January 2021, pp. 176-190*



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IEEE SMC Society

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Awards Committee Chair  
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*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Andrew P. Sage Best Transactions Paper Award*

*to*

*Aniana Cruz, Gabriel Pires, Ana Lopes,  
Carlos Carona, and Urbano J. Nunes*

*for the paper "A Self-Paced BCI with a Collaborative Controller for Highly Reliable  
Wheelchair Driving: Experimental Tests With Physically Disabled Individuals"*

*IEEE Transactions on Human-Machine Systems,  
Vol. 21, No. 2, April 2021, pp. 109-119*



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IEEE SMC Society

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**Edward Tunstel**  
Awards Committee Chair  
IEEE SMC Society



*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Andrew P. Sage Best Transactions Paper Award*

*to*

*Chao Deng, Wei-Wei Che, and Zheng-Guang Wu*

*for the paper*

*"A Dynamic Periodic Event-Triggered Approach to Consensus of Heterogeneous  
Linear Multiagent Systems With Time-Varying Communication Delays"*

*IEEE Transactions on Cybernetics,  
Vol. 51, No. 4, April 2021, pp. 1812-1821*



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**Sam T. Kwong**  
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IEEE SMC Society

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**Edward Tunstel**  
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*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Andrew P. Sage Best Transactions Paper Award*

*to*

*Usman Naseem, Imran Razzak, Matloob Khushi,  
Peter W. Eklund, and Jinman Kim*

*for the paper "COVIDSenti:*

*A Large-Scale Benchmark Twitter Data Set for COVID-19 Sentiment Analysis"*

*IEEE Transactions on Computational Social Systems,*

*Vol. 8, Issue 4, August 2021, pp. 1003-1015*



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*IEEE Systems, Man, and Cybernetics Society*

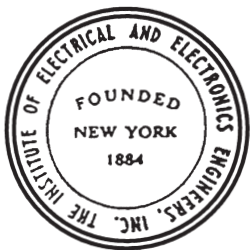
*is proud to present the*

*2022 Best Associate Editor Award*

*to*

*Long Chen*

*for outstanding service as Associate Editor of the  
IEEE Transactions on Systems, Man, and Cybernetics: Systems*



A stylized, handwritten signature of Sam T. Kwong.

Sam T. Kwong  
President  
IEEE SMC Society

A stylized, handwritten signature of Edward Tunstel.

Edward Tunstel  
Awards Committee Chair  
IEEE SMC Society



*IEEE Systems, Man, and Cybernetics Society*

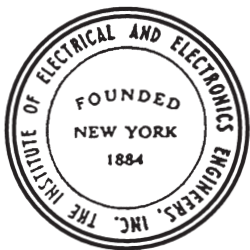
*is proud to present the*

*2022 Best Associate Editor Award*

*to*

*Giuseppe Serra*

*for outstanding service as Associate Editor of the  
IEEE Transactions on Human-Machine Systems*



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**Sam T. Kwong**  
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IEEE SMC Society

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**Edward Tunstel**  
Awards Committee Chair  
IEEE SMC Society



*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Best Associate Editor Award*

*to*

*Bin Jiang*

*for outstanding service as Associate Editor of the  
IEEE Transactions on Cybernetics*



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**Sam T. Kwong**  
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IEEE SMC Society

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**Edward Tunstel**  
Awards Committee Chair  
IEEE SMC Society



*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Best Associate Editor Award*

*to*

*Wei Duan*

*for outstanding service as Associate Editor of the  
IEEE Transactions on Computational Social Systems*



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**Sam T. Kwong**  
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IEEE SMC Society

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*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

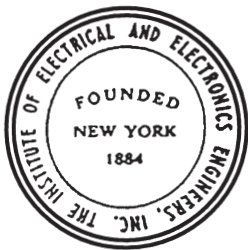
*2022 Most Active SMC Technical Committee Award  
Systems*

*presented to*

*Technical Committee on  
Homeland Security*

*chaired by*

*Francesco Flammini, Qiudan Li, Justin Zhan, and Chris Yang*



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IEEE SMC Society

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**Edward Tunstel**  
Awards Committee Chair  
IEEE SMC Society



*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Most Active SMC Technical Committee Award  
Human-Machine Systems*

*presented to*

*Technical Committee on  
Visual Analytics and Communication*

*chaired by*

*Weidong Huang, Yuhua Luo, and Henry Duh*



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*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

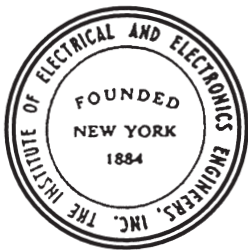
*2022 Most Active SMC Technical Committee Award  
Cybernetics*

*presented to*

*Technical Committee on  
Intelligent Industrial Systems*

*chaired by*

*Pavel Vrba, Thomas Strasser, and Amro M. Farid*



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IEEE SMC Society

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**Edward Tunstel**  
Awards Committee Chair  
IEEE SMC Society



*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 IEEE Outstanding SMCS Chapter Award*

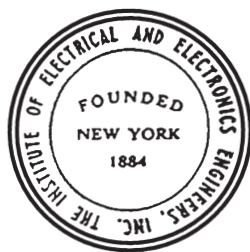
*to*

*Marie Hélène Abel*

*France Section SMCS Chapter*

*Nada Matta - Chapter Chair*

*for outstanding leadership, member recruitment, and service to members*



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**Sam T. Kwong**  
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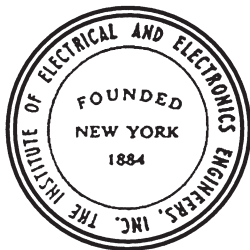


*IEEE Systems, Man, and Cybernetics Society*

*is proud to present the*

*2022 Franklin V. Taylor Memorial Award*

*for the best paper co-authored by Jan B. F. van Erp, Camille Sallaberry, Christiaan Brekelmans,  
Douwe Dresscher, Frank ter Haar, Gwenn Englebienne, Jeanine van Bruggen,  
Joachim de Greeff, Leonor Fermoselle Silva Pereira, Alexander Toet, Nirul Hoeba,  
Robin Lieftink, Sara Falcone, and Tycho Brug  
entitled "What Comes After Telepresence? Embodiment, Social Presence  
and Transporting One's Functional and Social Self"  
published in the Proceedings of the 2022 IEEE International Conference  
on Systems, Man, and Cybernetics*



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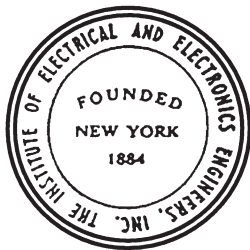
*IEEE International Conference Systems, Man, and Cybernetics*

*is proud to present the*

*2022 IEEE SMC Best Student Paper Award*

*for the outstanding student paper and oral presentation co-authored by Jos Prinsen,  
Ethel Pruss, Anita Vrins, Caterina Ceccato, and Maryam Alimardani  
entitled "A Passive Brain-Computer Interface for Monitoring Engagement  
during Robot-Assisted Language Learning"*

*published in the Proceedings of the 2022 IEEE International Conference  
on Systems, Man, and Cybernetics*



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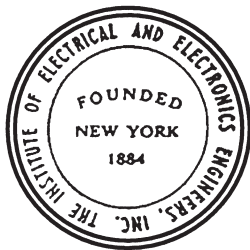
*2022 IEEE SMC Best Student Paper Award*

*For the outstanding student paper and oral presentation co-authored by*

*Kenji Naito and Koh Kakusho entitled*

*“Segmentation of Indoor Daily Living Environments  
into Regions Used for Different Purposes”*

*published in the Proceedings of the 2022 IEEE International Conference  
on Systems, Man, and Cybernetics*



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