Gary B. Fogel
Natural Selection Inc., USA

* Denotes a CIS-Sponsored Conference
Δ Denotes a CIS Technical Co-Sponsored Conference

* 2019 IEEE Conference on Computational Intelligence for Financial Engineering and Economics (IEEE CIFEr 2019)
May 4–5, 2019
Place: Shenzhen, China
General Chairs: Hisao Ishibuchi, Dongbin Zhao
Website: http://www.ieee-cifer.org/website_cifer/about_2019.html

Δ 3rd International Symposium on Autonomous Systems (ISAS 2019)
May 29–31, 2019
Place: Shanghai, China
General Chairs: Yong-Duan Song, Xinping Guan
Website: http://www.isas.cqu.edu.cn/index_en.html

Δ 2019 IEEE Colombian Conference on Applications in Computational Intelligence (ColCACI)
June 4–7, 2019
Place: Barranquilla, Colombia
General Chair: Alvaro David Orjuela-Cañon
Website: http://ieee-colcaci.org/

* 2019 IEEE Conference on Computational Intelligence in Bioinformatics and Computational Biology (IEEE CIBCB 2019)
July 9–11, 2019
Place: Siena, Italy
General Chair: Giuseppe Nicosia
Website: https://cibcb2019.icas.xyz/

* 2019 IEEE Congress on Evolutionary Computation (IEEE CEC 2019)
June 10–13, 2019
Place: Wellington, New Zealand
General Co-Chairs: Mengjie Zhang, Kay Chen Tan
Website: http://www.cec2019.org

* 2019 IEEE International Conference on Computational Intelligence and Virtual Environments for Measurement Systems and Applications (IEEE CIVEMSA 2019)
June 14–16, 2019
Place: Tianjin, China
General Co-Chairs: Yong Hu, Dong Ming, Mel Siegel
Website: http://civemsa2019.ieee-ims.org/

* 2019 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2019)
June 23–26, 2019
Place: New Orleans, USA
General Chairs: Timothy C. Havens, James M. Keller
Website: http://www.fuzzieee.org

Δ 1st International Conference on Process Mining (ICPM 2019)
June 24–26, 2019
Place: Aachen, Germany
General Chair: Wil van der Aalst
Website: http://icpmconference.org

Δ 2019 International Joint Conference on Neural Networks (IJCNN)
July 14–19, 2019
Place: Budapest, Hungary
General Chair: Chrisina Jayne, Zoltán Somogyvári
Website: http://www.ijcnn.org

* 9th Joint IEEE International Conference on Development and Learning and on Epigenetic Robotics (IEEE ICDL-EpiRob 2019)
August 19–22, 2019
Place: Oslo, Norway
General Chairs: Jim Torresen, Kerstin Dautenhahn
Website: https://icdl-epirob2019.org/

* 2019 IEEE Smart World Congress (IEEE SWC 2019)
August 19–23, 2019
Place: Leicester, United Kingdom
General Chairs: Liming Chen, Joel Rodrigues, Alistair Duffy
Website: http://www.smart-world.org/2019/

* 2019 IEEE International Conference on Games (IEEE CoG 2019)
August 20–23, 2019
Place: London, United Kingdom
General Chairs: Diego Perez Liebana, Sanaz Mostaghim
Website: http://ieee-cog.org

* 2019 IEEE International Conference on Data Science and Advanced Analytics (IEEE DSAA 2019)
October 5–8, 2019
Place: Washington DC, USA
General Chairs: Philip S. Yu, Richard De Veaux
Website: http://dsaa2019.dsaa.co/

Δ 2019 Third International Conference on Intelligent Computing in Data Sciences (ICDS)
October 28–30, 2019
Place: Marrakech, Morocco
General Chair: Jaouad Boumhidi, Hani Hagras, El Habib Nfaoui
Website: http://www.researchnetwork.ma/icds2019/index.html

* 2019 IEEE Latin American Conference on Computational Intelligence (2019 IEEE LA-CCI)
November 11–15, 2019
Place: Guayaquil, Ecuador
General Chair: Otilia Alejandro
Website: http://la-cci.org

* 2019 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2019)
December 6–9, 2019
Place: Xiamen, China
General Chair: Tingwen Huang
Website: http://ssci2019.org

* 2020 IEEE World Congress on Computational Intelligence (IEEE WCCI 2020)
July 19–24, 2020
Place: Glasgow, UK
General Chairs: Amir Hussain,
Marios M. Polycarpou, Xin Yao
Website: https://www.wcci2020.org

* 2020 IEEE Conference on Games (IEEE CoG 2020)
August 24–27, 2020
Place: Osaka, Japan
General Co-Chairs: Ruck Thawonmas and Kyung-Joong Kim
Website: TBA

* 2020 IEEE Symposium Series on Computational Intelligence (IEEE SSCI 2020)
December 1–4, 2020
Place: Canberra, Australia
General Chair: Hussein Abbass
Website: TBA

* 2021 IEEE Congress on Evolutionary Computation (IEEE CEC 2021)
June 28–July 1, 2021
Place: Kraków, Poland
General Co-Chairs: Jacek Mańdziuk,
Hussein Abbass
Website: TBA

* 2021 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2021)
July 11–14, 2021
Place: Luxembourg, Luxembourg
General Chairs: Christian Wagner,
Holger Voos
Website: TBA

Publication Spotlight

issue, accurate content push is needed, where the main challenges are proving precise descriptions of users and supporting the big data nature of users and contents. Content-centric networking (CCN) has emerged as a new network architecture to meet today's requirement for content access and delivery. By using the named content, CCN makes it possible to track users' real-time interests and motivates us studying a novel con-

tent accurate push (or called content recommendation) system. In this paper, we model this issue as a novel contextual multiarmed bandit based Monte Carlo tree search problem and propose a big data support online learning algorithm to meet the demand of content push with low cost. To avoid destroying CCN's energy efficient feature, the energy consumption is considered into our module. Then, we theoretically

prove that our online learning algorithm achieves sublinear regret bound and sublinear storage, which is very efficient in the big data context and do not increase the network burden. Experiments in an offline collected dataset show that our approach significantly increases the accuracy and convergence speed against other state-of-the-art bandit algorithms and can overcome the cold start problem as well."