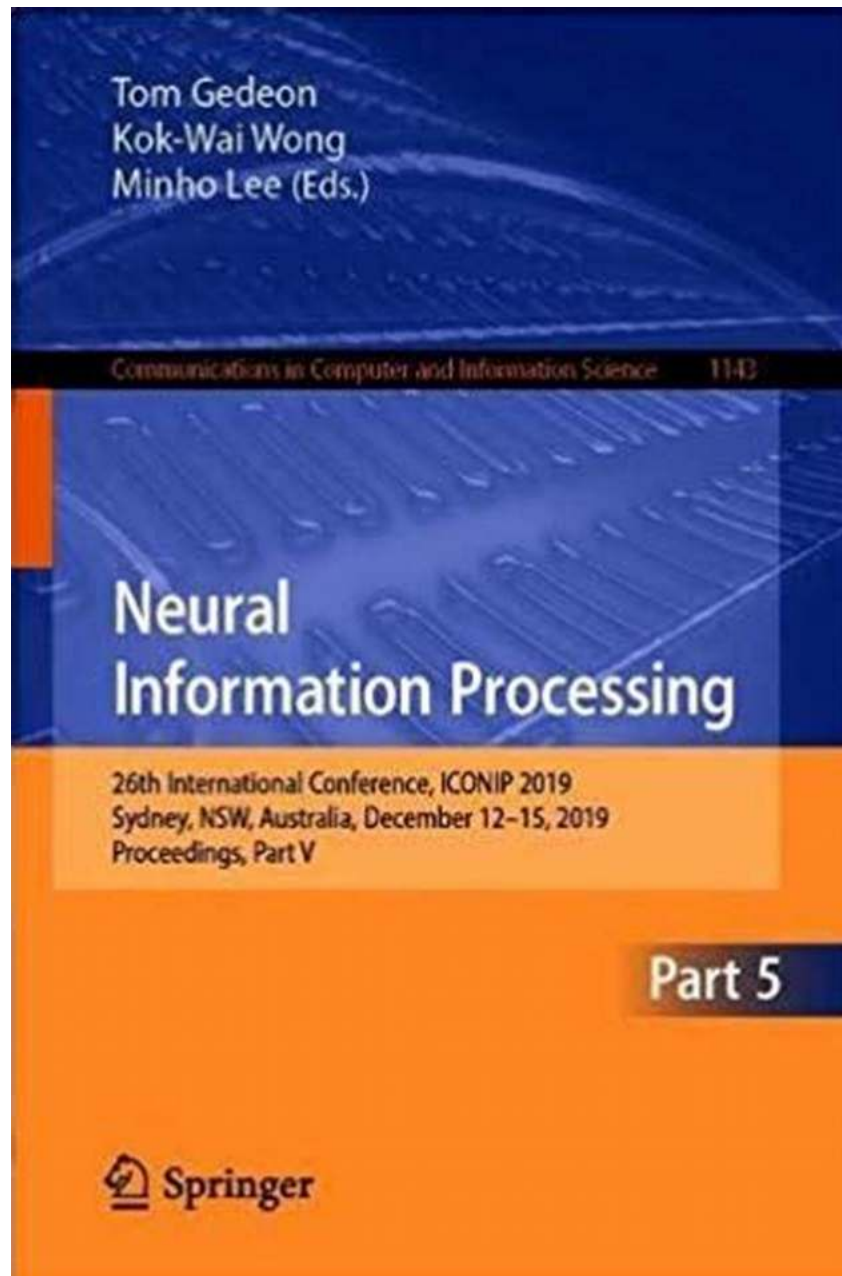# Discover the Latest in AI and Neural Networks at the 26th International Conference ICONIP 2019 in Sydney, NSW, Australia

Tom Gedeon
Kok-Wai Wong
Minho Lee (Eds.)

Communications in Computer and Information Science   1143

Neural Information Processing

26th International Conference, ICONIP 2019
Sydney, NSW, Australia, December 12–15, 2019
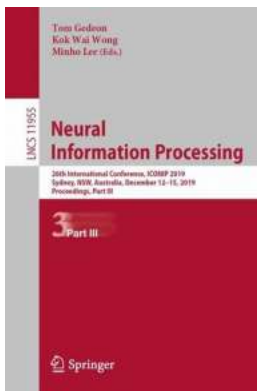Proceedings, Part V

Part 5

Springer

Welcome to Sydney, NSW, Australia, where cutting-edge advancements in artificial intelligence (AI) and neural networks will be showcased at the esteemed

26th International Conference ICONIP 2019. From December 12 to 15, leading researchers, professionals, and enthusiasts in the field will gather to discuss the latest trends, breakthroughs, and applications of these transformative technologies.

Unraveling the Future of AI: Conference Highlights

With technology progressing at an unprecedented rate, ICONIP 2019 serves as a platform for experts to share their knowledge and insights, fostering collaboration and pushing the boundaries of AI and neural networks. This year's conference aims to explore a wide range of topics, including:

Neural Information Processing: 26th International Conference, ICONIP 2019, Sydney, NSW, Australia, December 12–15, 2019, Proceedings, Part III (Lecture Notes in Computer Science Book 11955)

by Guillaume Apollinaire (1st ed. 2019 Edition, Kindle Edition)

★★★★☆ 4.4 out of 5

Language	: French
File size	: 3599 KB
Text-to-Speech	: Enabled
Screen Reader	: Supported
Enhanced typesetting	: Enabled
Print length	: 1045 pages

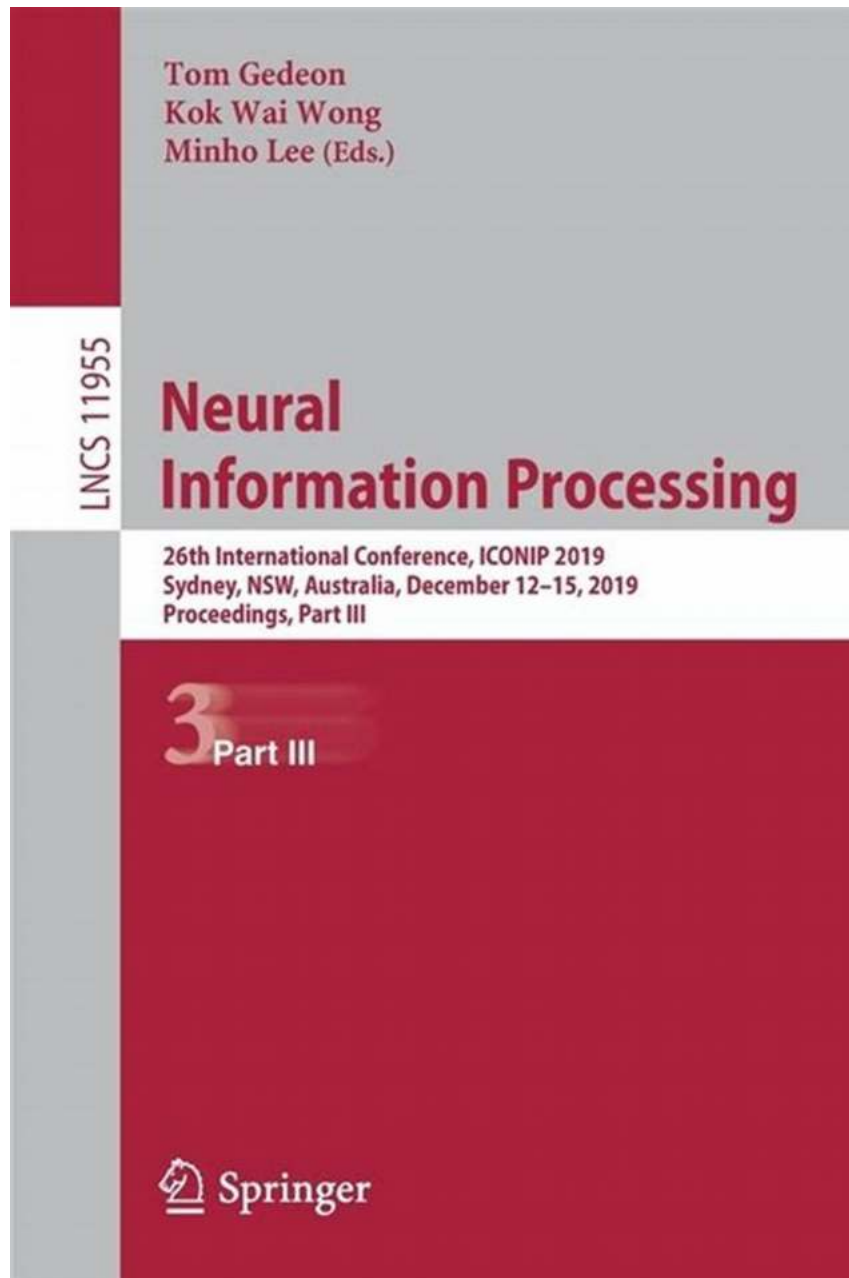**FREE** DOWNLOAD E-BOOK PDF

- Theoretical foundations of neural networks

- Deep learning and deep neural networks

- Neurodynamics and neuroengineering

- Biologically plausible neural models

- Intelligent systems and robotics

- Pattern recognition and image processing

- Machine learning and optimization

- Information retrieval and natural language processing

- Data mining and knowledge discovery

- Emerging applications of AI in various industries

Attendees will have the opportunity to engage in a series of interactive sessions, including thought-provoking lectures, panel discussions, poster presentations, and hands-on workshops. Expert speakers from renowned academic institutions and industry-leading organizations will elucidate on their research findings, innovative methodologies, and real-world use cases of AI and neural networks.

Moreover, participants will have the opportunity to network with like-minded individuals, fostering potential collaborations and creating opportunities for future advancements in the field. The conference provides a unique platform to connect with industry influencers, AI enthusiasts, and potential employers or employees, expanding professional networks and opening up new doors for career growth.

Experience the World-Class Venue: Sydney, NSW, Australia

ICONIP 2019 is set to take place in the mesmerizing city of Sydney, NSW. Known for its iconic landmarks, breathtaking beaches, and vibrant culture, Sydney offers an unparalleled experience to conference attendees.

While exploring the city, participants can take in the awe-inspiring views of the Sydney Opera House, embark on a harbor cruise to witness the iconic Sydney Harbour Bridge, or unwind on the pristine shores of Bondi Beach. The city also
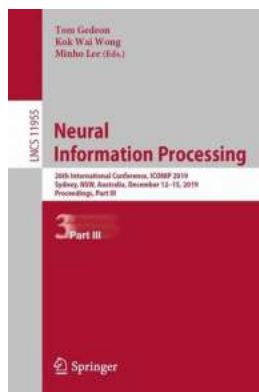
boasts an array of museums, art galleries, and botanical gardens, providing ample opportunities for cultural enrichment and exploration.

Additionally, Sydney offers a diverse culinary scene, ranging from trendy cafes and stylish eateries to international fine dining restaurants. Delegates can savor mouthwatering local delicacies and indulge in a variety of global cuisines, catering to every palate.

Registration and Further Information

Don't miss out on the opportunity to be a part of the 26th International Conference ICONIP 2019 and witness groundbreaking advancements in AI and neural networks. Registration is now open, and early bird discounts are available until October 31st.

For more information, including the conference schedule, list of speakers, and accommodation options, please visit the official conference website at https://www.iconip2019.org.

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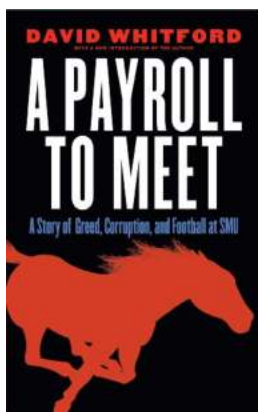
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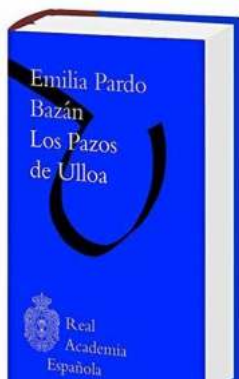|	
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The three-volume set of LNCS 11953, 11954, and 11955 constitutes the proceedings of the 26th International Conference on Neural Information Processing, ICONIP 2019, held in Sydney, Australia, in December 2019.

The 173 full papers presented were carefully reviewed and selected from 645 submissions. The papers address the emerging topics of theoretical research, empirical studies, and applications of neural information processing techniques across different domains. The third volume, LNCS 11955, is organized in topical sections on semantic and graph based approaches; spiking neuron and related models; text computing using neural techniques; time-series and related models; and unsupervised neural models.

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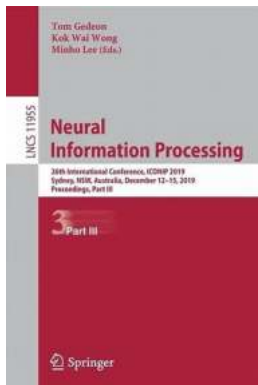
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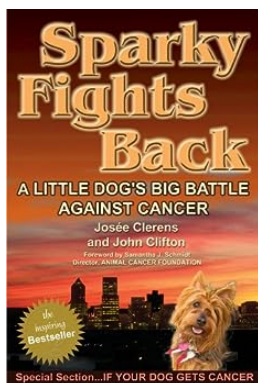
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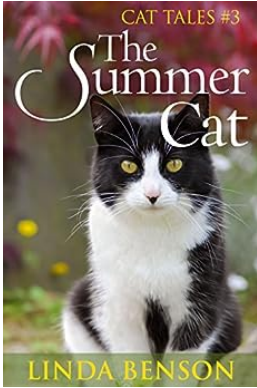
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