

1. Record Nr.	UNINA9910508448603321
Titolo	PRICAI 2021: Trends in Artificial Intelligence : 18th Pacific Rim International Conference on Artificial Intelligence, PRICAI 2021, Hanoi, Vietnam, November 8–12, 2021, Proceedings, Part II / / edited by Duc Nghia Pham, Thanaruk Theeramunkong, Guido Governatori, Fenrong Liu
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2021
ISBN	3-030-89363-4
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (628 pages) : illustrations
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 13032
Disciplina	006.3
Soggetti	Artificial intelligence Social sciences - Data processing Education - Data processing Database management Application software Information storage and retrieval systems Artificial Intelligence Computer Application in Social and Behavioral Sciences Computers and Education Database Management Computer and Information Systems Applications Information Storage and Retrieval
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
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Section 2 : Natural Language Processing -- Span Labeling Approach for Vietnamese and Chinese Word Segmentation / Duc-Vu Nguyen, Linh-Bao Vo, Dang Van Thin, Ngan Luu-Thuy Nguyen -- VSEC: Transformer-Based Model for Vietnamese Spelling Correction / Dinh-Truong Do, Ha Thanh Nguyen, Thang Ngoc Bui, Hieu Dinh Vo -- What Emotion Is Hate? Incorporating Emotion Information into the Hate Speech Detection Task / Kosisochukwu Judith Madukwe, Xiaoying Gao, Bing Xue -- Enhanced Named Entity Recognition with Semantic Dependency / Peng Wang, Zhe Wang, Xiaowang Zhang, Kewen Wang, Zhiyong Feng -- Improving Sentence-Level Relation Classification via Machine Reading Comprehension and Reinforcement Learning / Bo Xu, Zhengqi Zhang, Xiangsan Zhao, Hui Song, Ming Du -- Multi-modal and Multi-perspective Machine Translation by Collecting Diverse Alignments / Lin Li, Turghun Tayir, Kaixi Hu, Dong Zhou -- Simplifying Paragraph-Level Question Generation via Transformer Language Models / Luis Enrico Lopez, Diane Kathryn Cruz, Jan Christian Blaise Cruz, Charibeth Cheng --

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Sommario/riassunto

This three-volume set, LNAI 13031, LNAI 13032, and LNAI 13033 constitutes the thoroughly refereed proceedings of the 18th Pacific Rim Conference on Artificial Intelligence, PRICAI 2021, held in Hanoi, Vietnam, in November 2021. The 93 full papers and 28 short papers presented in these volumes were carefully reviewed and selected from 382 submissions. PRICAI covers a wide range of topics in the areas of social and economic importance for countries in the Pacific Rim: artificial intelligence, machine learning, natural language processing, knowledge representation and reasoning, planning and scheduling, computer vision, distributed artificial intelligence, search methodologies, etc. Part II includes two thematic blocks: Natural Language Processing, followed by Neural Networks and Deep Learning.