International Conference on
Big Data Analytics & Data Science

November 11-12, 2019 | Las Vegas, USA

Coalesce Research Group
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International Conference on
Big Data Analytics and Data Science

Hall: Bora Bora

09:00 - 09:30	Registrations
09:30 - 09:50	Introduction

Keynote Forum

09:50 - 10:40	Title: Capstoning of data **Warwick Garco,** Analytics Shed, Australia

Group Photo (10:40 - 10:50)

Networking & Refreshments @ Hallway (10:50 - 11:05)

11:05 - 11:55	Title: Extreme diversification: a data analytics approach to portfolio management **Parameshwar P. Iyer,** Indian Institute of Science, India

Plenary Sessions

Sessions:

Artificial Intelligence | Big Data Analytics and Algorithms | Big Data in Nursing Research | Big Data Technologies | Big Data Applications, Challenges and Opportunities | Business Intelligence | Cloud Computing | Complexity and Algorithms

Session Chair: **David Filer,** University of the Cumberlands, USA

11:55 - 12:25	Title: Data mining with generating data to improve data imbalance problem **Ayahiko Niimi,** Future University Hakodate, Japan
12:25 - 12:55	Title: The summarizing tool **Gurkiran Kaur,** UOB, Singapore
12:55 - 13:25	Title: Improving retention of stem students using data Mining **Amin Awatif,** Johnson C. Smith University, USA

Lunch @ Restaurant (13:25 - 14:30)

14:30 - 15:00	Title: Negative news screening automation **Aishani Das,** PwC, India
15:00 - 15:30	Title: PCB production process yield rate prediction and big data analysis **An - Chun Luo,** Industrial Technology Research Institute, Taiwan
15:30 - 16:00	Title: Quantitative assessment of the effects of interpolation on uncompressed and compressed medical images **Ilona Urbaniak,** Cracow University of Technology, Poland

Networking & Refreshments @ Hallway (16:00 - 16:15)

YRF

16:15 - 16:35	Title: Predicting brand sales with twitter text analysis **Thomas J. Weinandy,** Western Michigan University, USA
16:35 - 16:55	Title: Automation of object detection using generative adversarial networks **Avery Smith & Joshua Davidson,** University of Texas at San Antonio, USA

End of Day 1

Scientific Program

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Hall: Bora Bora

	Keynote Forum
09:30 - 10:30	Title: Case studies in iot big data: Forecasting building temperature and equipment breakdown **Bruce Spencer,** National Research Council of Canada, Canada
10:30 - 11:30	Title: Improving retention of stem students using data mining **David Filer,** University of the Cumberlands, USA

Networking & Refreshments @ Hallway (11:30 - 11:45)

Plenary Sessions

Sessions:

Data Engineering and Architecture | Data Mining Applications in Science, Engineering, Healthcare | Data Science and Machine Learning | Data Visualization | Data Warehousing and Security | Optimization and Big Data | Predictive Analytics

Session Chair: **Ayahiko Niimi,** Future University Hakodate, Japan

11:45 - 12:15	Title: Statistical inference for big data and data science– a review and methods for change detection in high - dimensions **Ansgar Steland,** RWTH Aachen University, Germany
12:15 - 12:45	Title: Community detection and information propagation in online social networks **Hafiz Abid Mahmood Malik,** AMA International University, Bahrain
12:45 - 13:15	Title: "Know your data!" Test driven data science **Gershon Celniker,** Check Point Software Technologies Ltd, Israel

Lunch @ Restaurant (13:15 - 14:15)

14:15 - 14:45	Title: "Storytelling: Turn data into stories" **Nouhad Rizk,** University of Houston, USA
14:45 - 15:15	Title: Essence of Meditation and Its Aptness to Scientific Calibration **Hong Lin,** University of Houston, USA

YRF

15:15 - 15:35	Stock market trend prediction and analysis utilizing deep learning cnn + lstm models **Anna Zhong,** Ladue Horton Watkins High School, USA

Poster Presentations (15:35 - 16:20)

POS1	Title: Automated image instance segmentation utilizing generative adversarial networks **Avery Smith,** University of Texas at San Antonio, USA
POS2	Title: Automated object detection utilizing generative adversarial networks **Joshua Davidson,** University of Texas at San Antonio, USA
POS3	Title: Constructing upset plots using complex - survey data **Camilo Gomez,** University of Central Florida, USA
POS4	Title: Operation status of spatial big data analysis and service platform using national spatial information **Eunjeong Jeong,** NS Centre, South Korea
POS5	Title: A study on the influence factors of crime using zero-inflated negative binomial regression **Sang-Hun Lee,** Lang & Housing Institute, Korea

Networking & Refreshments @ Hallway (16:20 - 17:00)

Panel Discussion - Awards & Closing Ceremony
End of Day 2

2nd International Conference on
Big Data Analytics and Data Science

September 24-25, 2020 | Paris, France

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