GO

Program Update — Virtual BayesiaLab Conference, October 26–30, 2020

1 message

BayesiaLab Academy <stefan.conrady@bayesia.us> Tue, Oct 27, 2020 at 1:23 AM
Reply-to: stefan.conrady@bayesia.us
To: db@blackstonesynergy.com

8th Annual BayesiaLab Conference

October 26–30, 2020 — A Virtual Reality Event

Day 1 is done! A big thank you to all helped us work out the kinks of meeting in virtual reality. By the end of the week, we'll be so comfortable with our avatars that it will be tough return to the real world.

Instructions for Joining the Virtual Conference

Our program continues tomorrow at 13:00 (UTC), and you will find a slightly updated agenda below. Also, the Laval Virtual World remains open outside of the conference hours, so please feel free to experiment with your audio and video setup (while no one is watching).

Finally, for those who can't connect to the Laval Virtual World, please see the backup YouTube streaming links right below the schedule.

Conference Program & Schedule

Date	Time (UTC)	Presenter	Organization	Presentation Title
Tue., Oct. 27	13:00	John Carriger, Ph.D.	U.S. Environmental	Assessing coral reef condition indicators for local and global stressors using Bayesian networks

			Protection Agency	
	13:45	Debasish Banerjee, Ph.D.	Blackstone Consulting Group, Nairobi, Kenya	Prognosis of Cancer Progression – Mathematical Model for Prediction and Potential Therapeutic Evaluation
	14:30	Raphael Girod	MAHA	Bayesian Networks in the Context of Immunization Programs in Africa
	15:15	Break		
	15:30	Alta de Waal, Ph.D.	University of Pretoria	Activity-Based Travel Demand Generation Using Bayesian Networks
	16:15	Raymond Niaura, Ph.D.	NYU School of Global Public Health	The Role of Internalizing and Externalizing Symptoms among Current, Former, and Never Smokers and Physical Pain: A Bayesian Network Analysis of Wave 4 of the PATH Study
		Mahathi Vojjala, MPH		
		Marcel de Dios, Ph.D.	Health Research Institute, University of Houston	
		Helen Sanchez		
Wed., Oct. 28	13:00	Steven Frazier	OnPoint, A Koch Engineered Solutions Company	The Role of Collider Bias in Understanding Statistics on Racially-Biased Policing
	13:45	Praveen Sharma	Greenberg	Bayesian Network Analysis in Social Media
	14:30	Rita Li Yi Man, Ph.D.	Hong Kong Shue Yan University	Bayesian Networks: a new research method for doing research in construction safety?
	15:15	Break		
	15:30	Michael	P&G (retired)	Bayesian Networks for Recommender

		Thompson, Ph.D.		Systems: Going Beyond Ratings Prediction with 'Most Relevant Explanation'
	16:15	Sri Srikanth Lisa Hilquist	Cisco	Quantifying Cisco's Mindshare to Guide Marketing Investment Decisions
Thu., Oct. 29	13:00	Corey Neskey		Cybersecurity Risk Assessment with Bayesian Networks
	13:45	Charles Gomes Mathieu Le Tertre	L'Oréal, Paris	Augmenting Small Data with Expertise
	14:30	Nicolas Clerc	Caterpillar	Monthly Sales & Operation Planning Process Mixing Economic Driver Forecast Uncertainty
	15:15	Break		
	15:30	Alta de Waal, Ph.D.	University of Pretoria	Bayesian Networks for Knowledge Discovery and Curriculum Optimisation in Academic Programmes
	16:15	Alexander Alexeev, Ph.D.	Indiana University	From Econometrics to Bayesian Network Analysis with BayesiaLab: Teaching and Applications
	17:00	Beach Party at the Laval Virtual World		
Fri., Oct. 30	13:00	Kurt S. Schulzke, JD, CPA, CFE	University of North Georgia	Modeling COVID-19 Business Interruption Insurance Claims using Bayesian Networks
	13:45	Zabi Ulla	Course5	Customer Preference Sequencing for

			Intelligence	Better Customer Engagement
	14:30	Asim Zia, Ph.D.	University of Vermont	It's the Middle, Stupid! Machine Learning the Impact of Climate Risk Perceptions on Policy Support
	15:15	Break		
	15:30	Amanda Northrop	Department of Agriculture and Fisheries, Queensland Government, Australia	Learnings from the Application of Bayesian Networks and Dynamic Bayesian Networks to Fisheries Data
	16:15	Nicholas Scott, Ph.D.	Riverside Research	Spatio-temporal Multicomponent Optimal Learning State Estimation of Direct Numerically Simulated Turbulent Features: A Smart Sensing Approach
	17:00	Stefan Conrady Lionel Jouffe	Bayesia	Concluding Remarks

For those who require the backup streaming option via YouTube, please use the following links:

- Tuesday, October 27: https://youtu.be/uID4IPMKpV0
- Wednesday, October 28: https://youtu.be/q0Xsd6GTW64
- Thursday, October 29: https://youtu.be/wnkYPuIMem0
- Friday, October 30: https://youtu.be/rUXaypcPbeA

Advanced BayesiaLab Course — Virtual Reality Edition

November 2–6, 2020 — A Virtual Reality Event at the Laval Virtual World

Take your BayesiaLab certification to the next level by joining the Virtual Reality Edition of the Advanced BayesiaLab Course. In this course, you learn in much greater detail about the topics that we only covered briefly in the [Introductory Course](#):

- Expert-Based Modeling with BEKEE
- Discretization of Continuous Variables
- Synthesis of New Variables (Manual Synthesis and Data Clustering)
- Fine-Tuning of Learning Algorithms
- Network Quality Evaluation
- Target Optimization

Additionally, the Advanced Course introduces a wide range of new topics:

- Parameter Sensitivity Analysis
- Function Nodes
- Influence Diagrams
- Dynamic Bayesian Networks
- Bayesian Updating
- Aggregation of Discrete States
- Missing Values Processing
- Credible/Confidence Intervals
- Evidence Analysis
- Function Optimization
- Contribution Analysis

Learn in Virtual Reality

Our virtual classroom looks just like a physical seminar room. It features individual desks for students, a podium, plus multiple presentation screens. What's different is that your avatar is in the classroom on your behalf, while you are in the comfort of your home, anywhere in the world. Also, you can share the screen of your local computer, so the instructor can "look over your shoulder" and coach you through the exercises with BayesiaLab. And, the technology requirements are straightforward. All you need is a computer with a headset and microphone.

LEARN MORE & REGISTER FOR ADVANCED COURSE

Bayesia USA

305 Lockhart Court
Franklin, TN 37069
USA

+1 888-386-8383
info@bayesia.us

Bayesia S.A.S.

Parc Cérès, Bâtiment N
21, rue Ferdinand Buisson
53810 Changé, France

+33 (0)2 43 49 75 69
info@bayesia.com

Bayesia Singapore

1 Fusionopolis Place
#03-20 Galaxis
Singapore 138522

+65 6809 1210
info@bayesia.com.sg