



IATBR Online Seminars 2021

Seminar 2: Checking models in statistics, machine learning, and discrete choice: a perspective to bind us all

Tuesday, 31 August, 2021, 16:00-17:00 GMT

A presentation by **Dr Timothy Brathwaite**, Winner of the 2018 Eric Pas Best Dissertation Award followed by a discussion by **Professor Eric Miller**, University of Toronto, Winner of the 2018 Lifetime Achievement Award.

Dr. Brathwaite will review the key technical contributions from his dissertation, spotlight recent related work by others, and present model checking as a perspective enabling unified understanding of research across statistics, machine learning, and discrete choice. The discussion will cover future directions of research in this important area.

[Registration Link for Seminar 2](#)



Seminar 3: Deep neural networks for choice analysis

Monday, Nov 29, 2021 15:00-16:00 GMT

A presentation by **Dr Shenhao Wang**, Honourable Mention Recipient of the 2019 Eric Pas Best Dissertation Award followed by a discussion by **Professor Juan de Dios Ortúzar**, Pontifical Catholic University of Chile, Winner of the 2012 Lifetime Achievement Award.

Dr. Wang will present his research on tackling the issues of economic interpretation, architectural design, and robustness of DNNs by using classical utility theories in the context of travel behaviour modelling. The discussion will cover future directions of research in reconciling choice modelling and machine learning.

[Registration Link for Seminar 3](#)

