Conference note template

Jung Xue

2020-11-24

Contents

Conference information

XXXX Conference:

- **Time:** 8:55 Tuesday 24/11/2020 Wednesday 25/11/2020
- **Venue:** MLT2/303-102 Map
- **Registartion:** Yes
- **Hosted by:** NZSA
- **Organiser:** Organiser Email
- **Conference Schedule** Link Here
- **Extra** AGM meeting at 12:30 Link here

Keynote Speakers:

Speaker	Topic……Email	Website
Chris Wild	Education democratizing data and software Targeting the intersection	
Felipa Zabala	A framework to evaluate imputation strategies at Stats NZ	
Susmita Das	A machine learning model to identify private dwellings from admin data	
Simon Urbanek	Interactive Visualisation using RCloud	

Speaker	Topic……..	Email	Website
Jason Wen	Accessing evidence of firing pin impression by using machine learning	jwen246@aucklanduni.ac.nz	
Richard Penny	Modelling for COVID in Official Economic Time Series		
Maree Luckman	A lifetime of data - Biometrics Technician to Senior Applied Statistician		
Andrew Balemi	There and back again: A statisticians journey into the 'real world' and back to academia		
Agnes Yongshi Deng	Designed experiments for tuning hyperparameters in machine learning algorithms	yongshi.deng@auckland.ac.nz	
Alistair Ramsden	Testing the confidentiality of synthetic data for the Stats NZ Integrated Data Infrastructure (IDI) Population Explorer dataset		
Rory Ellis	Using Bayesian Growth Models to Predict Grape Yield		

Speaker	Topic……..	Email	Website
Martin Hazelton	The Future of Statistics at New Zealand Universities		
Wilma Molano	HLFS mode of collection: A journey due to COVID-19		
Shanika Wickramasuriya	Non-negative forecast reconciliation for forecasting hierarchical time series	s. wickramasuriya@ auckland.ac.nz	
Claudia Rivera-Rodriguez	Optimal sampling allocation for outcome dependent designs in cluster-correlated data settings		
Martin Upsdell	Estimating the time lag between predator abundance and prey abundance		
Richard Arnold	Statistics of Ambiguous Rotations		
Len Cook	Missing in action - a statistical window on prisons		
Peter Mullins	War Stories	len_cook@xtra. co.nz	https: //www.wgtn.ac. nz/igps/about-us/staff/senior-associates/mr-len-cook

Speaker	Topic……Email	Website
Thomas Lumley	Influence functions, and why you should care	
Beatrix Jones	Dimension reduction for imbedding high dimensional measurements into Bayesian Networks	
Alasdair Noble	A Bayesian approach to modelling of Phosphorus inputs to rivers from diffuse and point sources	
Andrew Sporle	Beyond the Integrated Data Infrastructure - building a strategic data resource for Aotearoa	
Azam Asanjarani	Decision Making for Partially Observable Markov Processes	

interesting I have meet/noticed

People	Field/Job	Contact	Facts
Joe Smith	Consultant @ UoA	xx@gmail.com	His from New Caledonia

Note: All information disclosed within this conference e-note are intented for personal use.

Chris Wild | Education, democratizing data, and software: Targeting the intersection

0.1 Subsection

Felipa Zabala | A framework to evaluate imputation strategies at Stats NZ

0.2 Subsection

Susmita Das | A machine learning model to identify private dwellings from admin data

0.3 Subsection

Simon Urbanek | Interactive Visualisation using RCloud

0.4 Subsection

Jason Wen | Accessing evidence of firing pin impression by using machine learning

0.5 Subsection

Richard Penny | Modelling for COVID in Official Economic Time Series

0.6 Subsection

Maree Luckman | A lifetime of data - Biometrics Technician to Senior Applied Statistician

0.7 Subsection

Andrew Balemi | There and back again: A statisticians journey into the 'real world' and back to academia

0.8 Subsection

Agnes Yongshi Deng | Designed experiments for tuning hyperparameters in machine learning algorithms

0.9 Subsection

Alistair Ramsden | Testing the confidentiality of synthetic data for the Stats NZ Integrated Data Infrastructure (IDI) Population Explorer dataset

0.10 Subsection

Rory Ellis | Using Bayesian Growth Models to Predict Grape Yield

0.11 Subsection

Martin Hazelton | The Future of Statistics at New Zealand Universities

0.12 Subsection

Wilma Molano | HLFS mode of collection: A journey due to COVID-19

0.13 Subsection

Shanika Wickramasuriya | Non-negative forecast reconciliation for forecasting hierarchical time series

0.14 Subsection

0.15 Further reading

https://robjhyndman.com/publications/nnmint/

Claudia Rivera-Rodriguez | Optimal sampling allocation for outcome dependent designs in cluster-correlated data settings

0.16 Subsection

Martin Upsdell | Estimating the time lag between predator abundance and prey abundance

0.17 Subsection

Richard Arnold | Statistics of Ambiguous Rotations

0.18 Subsection

Len Cook | Missing in action - a statistical window on prisons

0.19 Subsection

Peter Mullins | War Stories

0.20 Subsection

Thomas Lumley | Influence functions, and why you should care

0.21 Subsection

Beatrix Jones | Dimension reduction for imbedding high dimensional measurements into Bayesian Networks

0.22 Subsection

Alasdair Noble| A Bayesian approach to modelling of Phosphorus inputs to rivers from diffuse and point sources

0.23 Subsection

Andrew Sporle | Beyond the Integrated Data Infrastructure - building a strategic data resource for Aotearoa

0.24 Subsection

Azam Asanjarani | Decision Making for Partially Observable Markov Processes

0.25 Subsection

Concluding Remarks

What did you learnt by the end of this session/course?

Take home message?

Add 3 questions to ponder.

How to use RBookDown

Firstly, you must read the RBookDown Bible by YiHui Xie

In essence, you write in a mixture of markdown (For basics), html (to extend on markdown) and latex language (mostly for equations) to create a simple Note.

You can customise your style and theme through your own CSS.

RMarkdown are mostly preferably used to knit e-books(HTML), use TexStudio if you want a proper printable PDF, Latex will be easier.

Here are some useful tips to get started

1: To add a chapter, just open a R file and save as `.RMD`. Use number 0 to 99 with a hyphen `-` to order the RMD files and maybe add a Chapter name so it is easier to select from `Files` window at bottom right of the R Studio.

2: Code chunks can generate graphical outputs, To insert pictures just use `include_graphics` instead of `\includegraphics{}` or `![]()`. Width can be customised.

```
knitr::include_graphics(rep('images/knit-logo.png', 3))
```

3: Use 1 grave accent ‘ to include the inline code, use 3 grave accent to include a chunk of code.

4: use `{-}` to stop automatic chapter names

5: Often you have tables, you can copy the table to a excel file and convert table to markdown tables, using Online Websites