PROGRAM
6ᵗʰ International Workshop on
Statistical Analysis on Multi-Outcome data
June 29July 1st, 2026, Bordeaux, FR

DAY1 June 29, 2026

8:30-9:00	*Welcome*

9:00-9:15	**Introduction (...)**

9:15-10:15	**One invited KEYNOTE Speech /** *50' talk + 10'discussion*

Title Navigating the Crossroads of Statistics, Generative AI, and Genomic Health
Xihong Lin, Biostatistics, Harvard T.H. Chan School of Public Health

10:15-10:45	*Coffee break*

10:45-12:25	**[4 Parallel invited SESSIONS]** *20' talk + 5'discussion*

Session 1: Deep learning in survival analysis
Organizer: Lei Liu   lei.liu@wustl.edu

- Jon Steingrimsson   jon_steingrimsson@brown.edu
Title: Deep Learning with Time-to-event Outcomes

- Xingqiu Zhao   xingqiu.zhao@polyu.edu.hk
Title: Robust Estimation and Inference for Accelerated Failure Time Models via Double Machine Learning

- Peter X Song   pxsong@umich.edu
Title: Neural Network Machine Regression (NNMR): A Deep Learning Framework for Uncovering High-order Synergistic Effects

- Kevin He   kevinhe@umich.edu
Title: Flexible Deep Learning Techniques for Survival Analysis with Data Integration

Session 2: Early or intercurrent events in (long-term outcome) clinical trials
Organizer: Catherine Legrand   catherine.legrand@uclouvain.be

- Philippe Lambert (Uliège, UClouvain)   p.lambert@uliege.be
Title: Joint Modeling of Longitudinal Health-Related Quality of Life Data in the Presence of Competing Dropout Risks

- Georgios Kazantzidis   georgios.kazantzidis@roche.com
Title: A Joint Multi-State Model for Causal Mediation Analysis adjusting for treatment switching in Oncology

- Luc Boone (EORTC)   luc.boone@eortc.org
Title: Estimation of inverse probability of censoring weights using shared parameter joint models for longitudinal and survival outcomes.

- Tomasz Burzykowsky   tomasz.burzykowski@iddi.com

Title: Early-outcome-based interim analyses in randomized clinical trials with long-term clinical endpoints

Session 3: Trustworthy AI and Statistical Innovation for Complex Health Data
Organizer: Ying Wei   yw2148@cumc.columbia.edu

- Tianying Wang Tianying.Wang@colostate.edu
Title: Confounder Missingness in EHR Comparative Effectiveness: MI or PS Calibration?

- Kaizheng Wangkaizheng.wang@columbia.ca
Title: Quantifying Fidelity in AI Persona Simulations

- Nan Linnlin@wustl.edu
Title: Trajectory Clustering via Spatial-Graph and LLM-Semantic Embeddings

- Jinbao Chen   jinboche@upenn.edu
Title: A Semiparametric Method for Addressing Under-Diagnosis Using Electronic Health Record Data

Session 4: Joint models with Bayesian inference
Organizer: Sangita Kulathinal (Finland)   sangita.kulathinal@helsinki.fi

- Etienne Sebag   etienne.sebag@helsinki.fi
Ttile: Bayesian estimating Transition Rates in Two-State Non-Homogeneous Markov Jump Processes with Intermittent Observations: An Honest Time Data Augmentation Approach

- Marion kerioui   marion.kerioui@inserm.fr
Title: A Bayesian partition model for multivariate functional data: discovering biological pathways by modelling the time course of gene expression level

- Trinh Dong Huu   trinh.dong@ncl.ac.uk
Title: Double inverse probability weighting for modeling sparsely measured longitudinal markers in presence of left and right truncation by death

- Satrajit Roychoudhury   satrajit.roychoudhury@pfizer.com
Title: Robust dynamic borrowing designs for randomized basket trials: a case study from the ultra-rare invasive mold infections

12:25-13:30 Lunch

13:30-15:10   [4 Parallel invited SESSIONS] *20' talk + 5'discussion*

Session 5: Some Advanced Statistical Learning Methods for Modern Scientific Data
Organizer: Lexin Li   lexinli@berkeley.edu
- Ji Zhu   jizhu@umich.edu
Title: Modeling non-uniform hypergraphs using determinantal point processes.

- Yuhua Zhu   yuhua.zhu@stat.ucla.edu
Title: Structure-aware model-free algorithms for continuous-time reinforcement learning.

- Moo Kyung Chung   mkchung@wisc.edu.
Title: Covariate-adjusted topological inference and learning.

- Junwei Lu   junweilu@hsph.harvard.edu.
Affiliation: Ranking inference for human feedback tuning in large language models.

Session 6: Joint models for risk prediction according to marker variability
Organizer: Helene Jacqmin-Gadda   Helene.Jacqmin-Gadda@u-bordeaux.fr

- Jessica Barett   jessica.barrett@mrc-bsu.cam.ac.uk

Title: Flexible Bayesian semi-parametric approaches for modelling within-individual variability in joint models

- Leonie Courcoul   leonie.courcoul@u-bordeaux.fr
Title: Joint models with heteroscedastic residual variance: an application to the impact of blood pressure variability on competing health events.

- Jianxin Pan, China   jianxinpan@uic.edu.cn
Title: Measuring Biomarker Variability for Survival Data

- Michael Elliott   mrelliot@umich.edu
Title: Joint Modeling of Multiple Longitudinal Biomarkers and Survival Outcomes via Threshold Regression: Variability as a Predictor

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Session 7: Recent Developments in Survival Analysis
Organizer: Gang Li   vli@ucla.edu

- Ingrid Van Keilegom   ingrid.vankeilegom@kuleuven.be
Title: On an extension of the Cox model for time-dependent covariates under dependent censoring with unknown association

- Donglin Zeng   dzeng@umich.edu
Title: Simultaneous Confidence Bands for Time-Varying Hazard Ratios with Interval-Censored Dat

- Danyu Lin   lin@bios.unc.edu
Title: Checking the Cox Proportional Hazards Model with Interval-Censored Data

- Zhe Fei   zhef@ucr.edu
Title: Adaptive Mixture-of-Experts Transformers for Joint Modeling of Irregular Longitudinal and Survival Data

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Session 8 : Nonparametric and semiparametric modeling for the analysis of complex data
Organizer: Zhezhen Jin   zj7@cumc.columbia.edu

- Shanshan Ding   sding@udel.edu
Title: Robust causal effect estimation in high-dimensional survival analysis using sufficient dimension reduction

- Xuewen Lu   xlu@ucalgary.ca
Title: Spike-and-Slab Group Lasso for High-Dimensional Cox Proportional Hazards Models.

- Leilei Zeng   lzeng@uwaterloo.ca
Title: Modeling Heterogeneous Disease Processes Using a Mixture of Multistate Hidden Markov Models

- Hua Shen   hua.shen@ucalgary.ca
Title: Integrative Analysis of Multiple Data Sources Involving Misclassification and Missing Data

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15:10-15:40   *Coffee break*

15:40-17:20   [4 Parallel invited SESSIONS] *20' talk + 5'discussion*

Session 9: Recent developments in reinforcement learning methods for precision medicine
Organizer: Donglin Zeng   dzeng@umich.edu

- Alex Luedtke   aluedtke@uw.edu
Title: DoubleGen: Debiased Generative Modeling of Counterfactuals

- Jiayi Wang   Jiayi.Wang2@UTDallas.edu
Title: A Principled Path to Fitted Distributional Evaluation

- Nilanjana Laha   nilanjanaaa.laha@gmail.com
Title: Model-free dynamic treatment regimes with arbitrary number of treatments and stages

- Yuanjia Wang   yw2016@cumc.columbia.edu
Title: Learning Optimal Early Decision Treatment Rules with Multi-domain Intermediate Outcomes

Session 10:   Distributional and Quantile Regressions for longitudinal response
Organizer: Antoine Barbieri   antoine.barbieri@u-bordeaux.fr

- Angelo Alcaraz   angelo.alcaraz@ens-paris-saclay.fr
Title: On asymmetric Laplace regression models: application to trophic diversity

- Lei Liu   lei.liu@wustl.edu
Title: Efficient Estimation in Quantile Mixed Models via Smooth Check-Loss Approximation

- Mouna Abed   mouna.abed@u-bordeaux.fr
Title: A joint model based on distributional regression to study the link between blood pressure and the risk of cerebral vasospasm.

- Gillian Z. Heller   gillian.heller@sydney.edu.au
Title: Analysis approaches for composite outcomes in clinical trials

Session 11:   Innovative Statistical Methods for Complex Health and Biomedical Data
Organizer: Mei Hao   hao.mei@ruc.edu.cn

- Hao Zhang   haozhang@arizona.edu
Title: A Performance-Based Framework for Transfer Learning Measurement and Guidance

- Kai Zhang   zhangk@email.unc.edu
Title: BELIEF in Dependence

- Lexin Li   lexinli@berkeley.edu
Title: Brain Encoding and Decoding: Some Examples

- Hao Mei   hao.mei@ruc.edu.cn
Title: Functional Latent Space Model for Time-Varying Networks: Application to Taiwan Administrative Claims Data

Session 12: High-dimensional surrogate markers in multi-outcome settings
Organizer: Boris Hejblum   boris.hejblum@u-bordeaux.fr

- Layla Parast   parast@austin.utexas.edu
Title: Resilience Measures for the Surrogate Paradox

- Florian Stijven (PhD de Geert à KU Leuven)   florian.stijven@kuleuven.be
Title: Meta-Analytic Evaluation of Complex Surrogate Endpoints based on the Surrogate Index

- Tianxi Cai   tcai@hsph.harvard.edu
Title: Stable Multi-Surrogate Transformation for Robust and Generalizable Surrogacy

- Peter Gilbert   peterg@uw.edu
Title: Surrogate endpoint evaluation for outcomes with high-dimensional features, with application to vaccines

17:20-19:00	**Poster and Network session** <mark>**(10 posters)**</mark>
POSTERS	**Session: POSTERS** ...

DAY2 - **June 30, 2026**	
8:30-9:00	*Welcome*
9:00-10:40	**[4 Parallel invited SESSIONS]** *20' talk + 5'discussion*

Session 13: Recent advances in transfer learning for biomedical applications
Organizer: Lan Luo   ll1118@sph.rutgers.edu

- Rui Duan   rduan@hsph.harvard.edu

Title: Unsupervised Aggregation of Multiple Learning Algorithms

- Emily C Hector   ehector@umich.edu

Title: Heterogeneity-adaptive meta-analysis

- Tian Gu   tg2880@cumc.columbia.edu

Title: Hierarchical Projection for Adaptive Knowledge Transfer

- Ling Zhou   zhouling@swufe.edu.cn

Title: On a synergistic learning phenomenon in nonparametric domain adaptation

Session 14: Clustering from multivariate data
Organizer: Anais Rouanet   anais.rouanet@u-bordeaux.fr

- Julien Jacques   julien.jacques@univ-lyon2.fr

Title: Clustering of Multivariate Longitudinal Data of mixed type

- Julie Fendler (MRC Cambridge)   julie.fendler@mrc-bsu.cam.ac.uk

Title: Consensus Monte Carlo for mixtures of categorical distributions

- Anais Rouanet   anais.rouanet@u-bordeaux.fr

Title: Non-parametric clustering of multivariate longitudinal data with variable selection: Identifying sub-phenotypes of Alzheimer's Disease

- Albert Paul   albertp@mail.nih.gov

Title: Uncovering circadian rhythms in metabolic longitudinal data: A Bayesian latent class modeling approach

Session 15: The use of functional data analysis in multivariate settings
Organizer: Corentin Segalas   corentin.segalas@u-bordeaux.fr

- Luo Xiao   lxiao5@ncsu.edu

Title: Functional joint model for longitudinal and survival data with a functional covariate with application to a longitudinal study of objective physical activity

- Andrew Simpkin   andrew.simpkin@universityofgalway.ie

Title: Estimation and Application of Derivative Multivariate Functional Principal Component Analysis

- Corentin Segalas   corentin.segalas@u-bordeaux.fr

Title: Random Survival Forest for the prediction of survival outcomes from time-varying outcomes using functional principal component analysis

- Sophie Dabo   <mark>sophie.dabo@univ-lille.fr</mark>
  <mark>TBD</mark>

Session 16: New advances in survival analysis
Organizer: Yichuan Zhao   yichuan@gsu.edu

- Edsel Pena   pena@stat.sc.edu

Title: Prediction Machines Based on Concordance Correlation

- Gang Li   vli@g.ucla.edu

Title: Cox-SieveTL: Semiparametric Transfer Learning via Sieve Maximum Likelihood for Cox Models

- Liang Li   lli15@mdanderson.org

Title: Modeling the Association Between Multivariate Nonlinear Longitudinal Data and Survival Outcome: A Measurement Error Perspective

- Yichuan Zhao   yichuan@gsu.edu

Title: Novel empirical likelihood method for the cumulative hazard ratio under stratified Cox models

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10:40-11:10	*Coffee break*
11:10-12:50	**[4 Parallel invited SESSIONS]** *20' talk + 5'discussion*

Session 17: Statistical Learning for Complex Data
Organizer: Xingqiu Zhao   xingqiu.zhao@polyu.edu.hk

- Jinfeng Xu   jinfenxu@cityu.edu.hk

Title: Causal inference with outcome dependent sampling and mismeasured outcome

- Qixian Zhong   qxzhong@xmu.edu.cn

Title: Semiparametric Inference for Functional Survival

- Meiling Hao   meilinghao@uibe.edu.cn

Title: Conditional inference for high-dimensional multi-omics survival data

- Xiangbin Hu   xiang-bin.hu@connect.polyu.hk

Title: Deep Conditional Generative Learning for Optimal Individualized Treatment Rules

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Session 18: Software for the Analysis of Multi-Outcome Models (INLAjoint, JMbayes2, gmvjoint, frailtypack ...)
Organizer: Denis Rustand   denis.rustand@u-bordeaux.fr

- Elias Krainski   elias.krainski@kaust.edu.sa

Title: graphpcor: Models for correlation matrices based on graphs.

- Virginie Rondeau   Virginie.Rondeau@inserm.fr

Title: Assessing surrogacy from joint modeling and mediation analysis when surrogates are either censored event times or longitudinal biomarker: cancer application

- Janet van Niekerk   janet.vanniekerk@kaust.edu.sa

Title: INLAjoint and beyond: INLA for multi-outcome modeling.

- Pedro Afonso   p.mirandaafonso@erasmusmc.nl
Title: The JMbayes2 R package for joint models of longitudinal and time-to-event data: From flexible fitting to dynamic prediction and validation

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Session 19: <u>Advanced Analytical Methods in Multi-outcome Data</u>
Organizer: Lei Liu   lei.liu@wustl.edu

- Yun Li   Yun.Li@Pennmedicine.upenn.edu
Title: Confounder Missingness in EHR Comparative Effectiveness: MI or PS Calibration?

- Grace Y. Yi   gyi5@uwo.ca
Title: Function-on-Scalar Regression with Ultra high-Dimensional Error-Prone Covariates

- Douglas Schaubel   douglas.schaubel@pennmedical.upenn.edu
Title: Time-varying frailty model for analyzing recurrent/terminal event data

- Yi Li   yili@umich.edu
Title: Inference for Deep Neural Network Estimators

Session 20: Frontiers in Statistical Methodologies for Precision Medicine Research
Organizer: Yuanjia Wang   yw2016@cumc.columbia.edu

- Erica Moodie   erica.moodie@mcgill.ca
Title: Estimating the optimal allocation of kidneys in the presence of competing risks from clustered data

- Ashken Ertefie   Ashkan.Ertefaie@PennMedicine.upenn.edu
Title: A structural nested rate model for estimating the effects of time-varying exposure on recurrent event outcomes

- Yuan Chen   cheny19@mskcc.org
Title: Learning Locally Interpretable Individualized Treatment Rules

- Yinjun Zhao   yz3503@cumc.columbia.edu
Title: An Integrative Approach for Subtyping Mental Disorders Using Multimodal Data

13:00-14:00	*lunch*

14:00-15:40	**[4 Parallel invited SESSIONS]** *20' talk + 5'discussion*

Session 21: Statistical and machine learning methods for complex biomedical data
Organizer: QI Long,   qlong@pennmedicine.upenn.edu

- Hongzhe Li.   hongzhe@upenn.edu
Title: A Robust Local Frechet Regression Using Unbalanced Neural Optimal Transport with Applications to Dynamic Single-cell Genomics Data

- Sandra Safo   ssafo@umn.edu
Title: iDeepViewLearn+: Interpretable AI for Robust and Fair Multimodal Data Integration

- Ali Shojaie   ashojaie@uw.edu
Title: GLM Inference with AI-Generated Synthetic Data Using Misspecified Linear Regression

- Lili Zhao   zhaolili@northwestern.edu

Title: Distributed Kaplan-Meier Curves

- Daniel Nevo (Israel)   danielnevo@gmail.com
Title: Causal effects on non-terminal event time with application to antibiotic usage and future resistance

- Maria Josefsson   maria.josefsson@umu.se
Title: Flexible Bayesian Causal Inference for Longitudinal Health Data with Attrition and Mortality

- Linda Valeri (NYC)   lv2424@cumc.columbia.edu

Title: A path-specific effect approach to mediation analysis with time-varying mediators and time-to-event outcomes accounting for competing risks

- Stijn Vansteelandt.   stijn.vansteelandt@ugent.be
Title: *Evaluating Treatment Effects in Longitudinal Trials with Truncation by Death: An Assumption-Lean Approach*

- Lang Wu   lang@stat.ubc.ca
Title: Joint models in longitudinal studies for efficient and robust inferences

- Ronghui (Lily) Xu   rxu@health.ucsd.edu
Title: Learning Treatment Effects under Covariate Dependent Left Truncation and Right Censoring

- Wenqing He   whe@stats.uwo.ca
Title: Boosting methods for interval censored data with regression and classification

- Yanqing Sun   yasun@charlotte.edu
Title: Estimation and Inference of Semiparametric Temporal Intensity Models for Recurrent Events with Application to a Malaria Vaccine Trial

- Chen Hu   huc@jhu.edu
<u>Title</u>**: On statistical inference of multiple competing risks in oncology clinical trials**

- Yu Cheng   yucheng@pitt.edu
Title: Win odds for Sequential Multiple Assignment Randomized Trials

- Chung-Chou H. Chang   changj@pitt.edu
Title: A Bayesian Multi-Arm Multi-Stage Adaptive Framework for Composite Endpoints in Critical Care Trials

- Douglas Landsittel   dplansit@buffalo.edu
Title: Prognostic models for long-term survival with multi-endpoint data - examples from the Consortium for Radiological Images Studies of Polycystic Kidney Disease

15:40-16:10	*Coffee break*

| 16:10-17:50 | [4 Parallel invited SESSIONS] *20' talk + 5'discussion* |

Session 25: Machine Learning and Survival Analysis
Organizer: Jiaoguo Sun   sunj@missouri.edu

- Yu Gu   yugu@hku.hk
Title: Semiparametric Functional Multi-State Models: Estimation and Testing with Application to Alzheimer's Disease

- Yuanyuan Lin   ylin@sta.cuhk.edu.hk
Title: A Data-Augmented Contrastive Learning Approach to Nonparametric Density Estimation

- Li Liu   lliu.math@whu.edu.cn
Title: Automatic structure identification and variable selection for additive accelerated failure time model with ultra high dimensional covariates

- Wen Su   w.su@cityu.edu.hk
Title: Semiparametric Causal Inference for Right-Censored Outcomes with Many Weak Invalid Instruments

Session 26: Area of causal inference
Organizer: Cheng Zheng   cheng.zheng@unmc.edu

- Ying Zhang.   ying.zhang@unmc.edu
Title: Joint Analysis of Multivariate Longitudinal Data and Interval-Censored Event Time Data with Application to Huntington's Disease Progression

- Ran Dai.   ran.dai@unmc.edu
Title: Model-free High Dimensional Mediator Selection with False Discovery Rate Control

- Mladen Kolar.   mkolar@marshall.usc.edu
Title: Confidence Sets for Causal Orderings

- Youngjoo Cho   yvc5154@konkuk.ac.kr
Title: Doubly robust inference for the heterogeneous treatment effect of multiple treatments on time-to-event outcomes

Session 27: Joint analysis of time-to-event or longitudinal markers in the presence of mortality as a competing risk
Organizer: Sebastien HANEUSE   shaneuse@hsph.harvard.edu

- Eleni-Rosalina Andrinopoulou   eleni.r.andrinopoulou@gsk.com
Title: Challenges and Opportunities in Joint Modelling of Multiple Longitudinal and Survival Outcomes

- Daniels, Michael J.,   mdaniels@stat.ufl.edu
Title: A Bayesian Nonparametric Approach for Semi-Competing Risks with Application to Cardiovascular Health

- Sebastien Haneuse   shaneuse@hsph.harvard.edu
Title: A novel framework for Joint prediction of longitudinal markers and death

- Sangita Kulathinal   sangita.kulathinal@helsinki.fi
Title: Nonparametric estimation of the joint and conditional survival functions of the time to an event of interest and associated integrated covariate processes

Session 28: Trustworthy analysis of healthcare and medical data
Organizer: Fang Liu   Fang.Liu.131@nd.edu

- Chuang Hong   chuan.hong@duke.edu
Title: An Agentic AI System for Multi-Framework Communication Coding

- Yajuan Si   yajuan@umich.edu
Title: Towards Differentially Private Finite Population Estimation: An Approach Based on Survey Weight Regularization

- Hongyuan Cao   hcao@fsu.edu
Title: Kernel meets sieve: transformed hazards models with sparse longitudinal covariates

- Xinghua Mindy Shi   mindyshi@temple.edu
Title: Mathematical Foundations of Generative AI for Human Genetics and Epigenetics

19:45-23:00   **Dinner / "Le Tchanqué" / Buffet / N=170 ?**

DAY 3 - July 1st, 2026	
8:30-9:00	**Welcome**
9:00-10:40	**[4 Parallel invited SESSIONS]** *20' talk + 5'discussion*

Session 29: Machine or deep learning for multiple longitudinal and survival data
Organizer: Virginie Rondeau   Virginie.rondeau@inserm.fr

- Manel Rakez   rakez.manel@outlook.fr
Title: Joint models and deep learning neural networks for the longitudinal analysis of mammography images in screen-detected breast cancer risk prediction

- Agathe Guilloux   agathe.guilloux@inria.fr
Title: Deep Learning for Longitudinal and Survival Data: Toward Realistic Synthetic Patient Generation

- Clemens Schaechter   clemens.schaechter@uniklinik-freiburg.de
  Title: Modeling disease progression and treatment switches in rare disease trials by integrating statistical modeling and synthetic experts

- Cécile Proust-Lima   cecile.proust-lima@u-bordeaux.fr
Title: Neural controlled differential equations enhanced linear mixed model

Session 30: Causal mediation pathway analysis
Organizer: Peter Song   pxsong@umich.edu
- Xinyuan Song   xysong@sta.cuhk.edu.hk
Title: Deep Learning Approaches for Individualized Causal Mediation Analysis with Survival Outcome

- Yen-Tsung Huang   ythuang@stat.sinica.edu.tw
Title: Semiparametric mediation analysis using single-index models

- Zhonghua Liu   zl2509@cumc.columbia.edu

Title: Mitigating Unmeasured Confounding Bias in Large-Scale Causal Mediation Analysis Via Factor Analysis in Epigenome-Wide Studies

- Jingyuan Liu   jingyuan@xmu.edu.cn
Title: Statistical Inference for Mediation Models with High Dimensional Exposures and Mediators

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Session 31: Advanced uses of joint modeling techniques with application in longitudinal and time-to-event data
Organizer: Dimitris Rizopoulos   d.rizopoulos@erasmusmc.nl

- Jeremy Taylor   jmgt@umich.edu
Title: Dynamic Predictions and Predictimands for Salvage Therapy in Recurrent Prostate Cancer Using Joint Models

- Esra Kurum   esra.kurum@ucr.edu
Title: Scalable Time-Dynamic Joint Models for Multilevel Health Data

- Christos Thomadakis   cthomadak@aueb.gr
Title: Shared parameter modeling of longitudinal data allowing for possibly informative visiting process and terminal event

- Eleanor Pullenayegum   eleanor.pullenayegum@sickkids.ca
Title: Addressing measurement times that are not at random in longitudinal data through joint modelling of outcomes and latent disease processes

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Session 32: Tensor-Train Methods, Partial Derivatives, and High-dimensional Inference in Modern Statistics
Organizer: Yong Chen.   ychen123@pennmedicine.upenn.edu

- Yong Chen   ychen123@pennmedicine.upenn.edu
  Title: PDA: a unified framework for lossless, one-shot, federated learning algorithms

- Jingmei Qiu.   jingqiu@udel.edu
  Title: Projection-Enhanced Interpolation-Based Tensor-Train Decompositions for One-Shot, Privacy-Preserving Distributed Inference

- Xiaowu Dai.   dai@stat.ucla.edu
  Title: Statistical Learning via Partial Derivatives

- Yumou Qiu.   qiuyumou@math.pku.edu.cn
  Title: High-dimensional Data Assimilation for Large Scale Physical Systems

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10:40-11:10	*Coffee break*
11:10-12:10	**One invited KEYNOTE Speech** / *50' talk + 10'discussion*
	Title Harnessing Variational Auto-Encoders for Fitting Deep Mixed-Effects Models Dimitris Rizopoulos, Erasmus University Medical Center d.rizopoulos@erasmusmc.nl
12:10-12:30	**Closing remarks**