

Workshop

Mon Mar 5, 2018

All day Introductory Workshop

Mon Mar 5, 2018 - Sat Mar 10, 2018

Where: St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

8am - 9am Optional review: Linux/Unix operating system & R (Sarah Medland)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

9am - 9:15am Introduction & welcome (John Hewitt)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

9:15am - 10:15am Causes of human variation (Nick Martin)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

10:15am - 10:30am

Introducing the computer system (Jeff Lessem & Stacey Cherny)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

10:30am - 11am Coffee Break

Where: Ballroom Foyer St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

11am - 12pm Introduction to R (Liz Prom & Mike Neale)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

12pm - 12:30pm

Introduction to Path Analysis (Mike Neale, Nathan Gillespie, Brad Verhulst)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

12:30pm - 1:30pm Lunch & RCR Discussion

Where: Great Room St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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1:30pm - 2:30pm

Intro to OpenMx with linear regression & applied matrix algebra (Sarah Medland & Lucia Colodro Conde)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

Workshop

2:30pm - 3pm

Univariate ACE model & Optimization (Hermine Maes, Liz Prom & Nick Martin)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

3pm - 3:30pm Coffee Break

Where: Ballroom Foyer St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

3:30pm - 5pm

Univariate ACE model with umx package (Tim Bates, Hermine Maes, Liz Prom, Nick Martin)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

5:30pm - 8pm Reception

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Tue Mar 6, 2018

All day Introductory Workshop

Mon Mar 5, 2018 - Sat Mar 10, 2018

Where: St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

8am - 9am Optional Review - Revisiting Univariate modeling (Sarah Medland)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

9am - 10:30am Biometrical Genetics (Conor Dolan, et al.)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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10:30am - 11am Coffee Break

Where: Ballroom Foyer St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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11am - 12:30pm Binary and Ordinal Data (Brad Verhulst & Sarah Medland)

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12:30pm - 1:30pm Lunch & RCR Discussion

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Workshop

1:30pm - 3pm

Heterogeneity, Categorical Moderators: Sex limitation (Eveline De Zeeuw & Sarah Medland)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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3pm - 3:30pm Coffee Break

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3:30pm - 5pm

Heterogeneity, Continuous Moderators: GxE interaction (Conor Dolan & Michel Nivard)

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Wed Mar 7, 2018

All day Introductory Workshop

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Where: St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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8am - 9am

Optional Review - Multi-threshold Ordinal data and Correlations (Sarah Medland)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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9am - 10:30am

Bivariate Genetic Analysis (Hermine Maes, Lucia Colodro Conde and Liz Prom)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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10:30am - 11am Coffee Break

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11am - 12:30pm

Phenotypic Factor Analysis (Conor Dolan, Michel Nivard & Mike Neale)

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12:30pm - 1:30pm Lunch & RCR Discussion

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1:30pm - 3pm

Genetic Multivariate Part 1 (Mike Hunter, Tim Bates, and Hermine Maes, Lucia Colodro Conde and Liz Prom)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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3pm - 3:30pm Coffee Break

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3:30pm - 5pm

Genetic Multivariate Part 2 (Tim Bates, Mike Hunter, and Hermine Maes, Lucia Colodro Conde and Liz Prom)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

5pm - 6:30pm Poster session

Where:

Calypso & Fandango Rooms St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Thu Mar 8, 2018

All day Introductory Workshop

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8am - 9am Optional Review - ACE + Siblings & Multivariate (Sarah Medland)

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9am - 10:30am

Extended Twin Family Model & Classical Twin Study Assumptions (Matt Keller, Hermine Maes, Brad Verhulst)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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10:30am - 11am Coffee Break

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11am - 12:30pm

Statistical Power (Ben Neale, Brad Verhulst, and Michael Hunter)

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12:30pm - 1:30pm Lunch & RCR Discussion

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1:30pm - 3pm

Developmental Models (Nathan Gillespie, Mike Neale & Brad Verhulst)

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3:30pm - 5pm

Longitudinal Gene-Environment Covariance Modeling (Conor Dolan, Nathan Gillespie & Mike Neale)

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Fri Mar 9, 2018

All day Introductory Workshop

Mon Mar 5, 2018 - Sat Mar 10, 2018

Where: St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

8am - 9am

Optional 2nd Biannual Twin Workshop Hackathon on a Friday (Lucia Colodro Conde & Matt Keller)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem

9am - 10:30am

Genetic Epidemiology in the Genomic Age (Michel Nivard & David Evans)

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10:30am - 11am Coffee Break

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11am - 12:30pm

Estimating heritability using genomic data - GREML (Rob Kirkpatrick & Matt Keller)

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12:30pm - 1:30pm Lunch & RCR Discussion

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1:30pm - 3pm Maternal effects (David Evans & Michael Neale)

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3pm - 3:30pm Coffee Break

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3:30pm - 5pm

Why are you excited to do research in behavior genetics? (Workshop Faculty)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

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Created by: Jeff Lessem

6pm - 8pm Farewell Party

Where: Jill's St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA

Calendar: Workshop

Created by: Jeff Lessem