

Workshop

Sun Mar 1, 2020

4pm Welcome Reception

Where: Ballroom Lobby, St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
Calendar: Workshop
Created by: Jeff Lessem

Mon Mar 2, 2020

All day International Statistical Genetics Workshop

Calendar: Workshop
Created by: Jeff Lessem

8am Optional GWAS and LD Score (Ben Neale & Sarah Medland)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
Calendar: Workshop
Created by: lessem@colorado.edu

8am

Optional introduction to Unix & R (Sarah Medland & Elizabeth Prom-Wormley)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
Calendar: Workshop
Created by: lessem@colorado.edu

9am Welcome (Matthew Keller, John Hewitt, Sarah Medland, and Mike Neale)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
Calendar: Workshop
Created by: lessem@colorado.edu

9:15am Causes of variation (Nick Martin & Dorret Boomsma)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
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Created by: lessem@colorado.edu

10:15am Introduction to computing systems (Jeff Lessem)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
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10:30am Coffee Break

Where: Ballroom Foyer St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
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11am Biometrical genetics and regression (Conor Dolan & Liz Prom-Wormley)

Where: Xanadu Ballroom St Julien Hotel & Spa, 900 Walnut St, Boulder, CO 80302, USA
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Created by: lessem@colorado.edu

12:30pm Lunch

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Workshop

1:30pm

OpenMx & Structural Equation Modelling (Liz Prom-Wormley & Lucia Colodro Conde)

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 **3pm Tea break**

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

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3:30pm

ACE variance components model full script & umx (Hermine Maes & Tim Bates)

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5:30pm Reception

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

Calendar: Workshop

Created by: Jeff Lessem

Tue Mar 3, 2020

All day International Statistical Genetics Workshop

Calendar: Workshop

Created by: Jeff Lessem

8am Optional plink & genetic relatedness (Sarah Medland and José Morosoli)

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

Calendar: Workshop

Created by: lessem@colorado.edu

8:30am Modelling with umx (Tim Bates)

Calendar: Workshop

Created by: lessem@colorado.edu

9am Univariate modelling 5 ways (Sarah Medland and Lucía Colodro-Conde)

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 **10:30am Coffee Break**

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11am Binary & ordinal data, measurement (Mike Neale & Liz Prom-Wormley)

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 **12:30pm Lunch**

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1:30pm Multilevel models (Mike Hunter & Joshua Pritikin)

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3pm Tea break

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3:30pm Sex limitation & moderation models (Conor Dolan & Eveline de Zeeuw)

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5:30pm Reception

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Wed Mar 4, 2020

All day International Statistical Genetics Workshop

Calendar: Workshop
Created by: Jeff Lessem

9am Multivariate models (Meike Bartels & Lucia Colodro Conde)

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10:30am Coffee Break

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11am Genetic factor models (IP/CP) (Tim Bates & Hermine Maes)

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12:30pm Lunch

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1:30pm Genomic SEM (Andrew Grotzinger & Matt Keller)

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3:30pm GwSEM (Brad Verhulst & Joshua Pritikin)

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Thu Mar 5, 2020

All day International Statistical Genetics Workshop

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8am Optional PRS and Path Analysis (Sarah Medland & Lucia Colodro Conde)

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9am Developmental models (Dorret Boomsma & Eveline de Zeeuw)

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10:30am Coffee Break

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11am Simulation & statistical power (Ben Neale & Brad Verhulst)

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12:30pm Lunch

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1:30pm

Model assumptions, biases and extended pedigree models (Matt Keller & Hermine Maes)

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3pm Tea break

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3:30pm GREML in OpenMx (Rob Kirkpatrick & Mike Hunter)

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Fri Mar 6, 2020

All day International Statistical Genetics Workshop

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Workshop

8am

Optional modelling challenges and solutions (José Morosoli and Sarah Medland)

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Direction of causation & comorbidity models (Nathan Gillespie & Hermine Maes)

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 **10:30am Coffee Break**

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11am Mendelian randomization (Dave Evans & Katrina Grasby)

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1:30pm DOC-MR & Advanced MR (Conor Dolan & Dave Evans)

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3:30pm Lightning rounds (Faculty)

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