

INSTITUTE FOR DISEASE MODELING

INTELLECTUAL VENTURES™

IDM Symposium: Day 1

Hyatt Regency, Monday 4/16/2018 IDM Symposium; Software Accelerating Research

7:30am-8:45am

Registration and Breakfast

Please join us for a continental breakfast located outside the main entrance of the Auditorium.

8:45am-9:00am

Auditorium

Welcome

Robert Hart, *IDM*, VP & General Manager

9:00am-10:30am

Auditorium

General Session 1; Software Tools

Chair: Jen Schripsema, *IDM*

Mandy Izzo, *IDM*

Bobby Reiner, *IHME*

David Aanensen, *Sanger Institute*

10:30am-11:00am *Coffee Break*

11:00am-1:00pm

Auditorium

Typhoid and Enteric Infections *Breakout*

Chair: Jillian Gauld, *IDM*

Jillian Gauld, *IDM*

Alicia Kraay, *University of Michigan*

Myron Levine, *University of Maryland*

Ben Lopman, *Emory University*

Virginia Pitzer, *Yale School of Public Health*

Brittany Hagedorn, *IDM*

Cottonwood

Introduction to Agent- Based Modeling *Breakout*

Mandy Izzo, *IDM*

Jen Schripsema, *IDM*

Juniper

HIV Population Level *Breakout*

Chair: Anna Bershteyn, *IDM*

Carol Camlin, *UC San Francisco*

Edinah Mudimu, *University of South Africa*

Kathryn Peebles, *International Clinical Research Center*

Alain Vandormael, *University of KwaZulu-Natal*

Graham Medley, *London School of Hygiene & Tropical
Medicine*

Larch

Malaria in Low- Transmission Settings *Breakout*

Chair: Amelia Bertozzi-Villa, *IDM*

Mable Jerop, *Amref Health Africa*

William Pan, *Duke University*

Antonio Quispe, *Johns Hopkins Bloomberg School of Public
Health*

Jennifer Flegg, *University of Melbourne*

Nguyen Tran, *Penn State University*

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Laurel

**Influenza and Pandemics
Breakout**

Chair: Joel Miller, IDM

Trevor Bedford, *Fred Hutchinson Cancer Research*
Joel Miller, *IDM*
David Pigott, *Institute for Health Metrics and Evaluation*
Jonathan Read, *Lancaster University*
Lone Simonsen, *Roskilde University*
Alessandro Vespignani, *Northeastern University*

Madrona

**Software Best Practices
Breakout**

Christopher Lorton, *IDM*

12:15pm-1:30pm Lunch at Eques

With its causal Northwest décor and creative menu, Eques serves a fresh and contemporary buffet seven days a week using high-quality, locally sourced seasonal ingredients.

1:30pm-3:15pm

Auditorium

**General Session 2;
Models 1**

Chair: Hil Lyons, IDM

Min Roh, *IDM*
Christopher Lorton, *IDM*
Thomas Smith, *Swiss TPH*
Dave Smith, *Institute for Health Metrics and Evaluation*
Cecile Viboud, *Fogarty International*

3:15pm-4:00pm Coffee Break

4:00pm-5:00pm

Auditorium

Keynote

Chair: Robert Hart, IDM

James Chirombo, *Lancaster University*
Spencer Fox, *University of Texas, Austin*
Poppy Miller, *Lancaster University*
Katie Owers, *Yale University*
Molly Steele, *Emory University*

5:00pm-6:00pm

Auditorium

Software Open Forum

Gene Oates, *IDM*

IDM Symposium: Day 2

Hyatt Regency, Tuesday 4/17/2018 IDM Symposium; Software Accelerating Research

7:30am-8:45am Registration and Breakfast

Please join us for a continental breakfast located outside the main entrance of the Auditorium.

9:00am-10:30am

Auditorium

**General Session 3;
Risk Maps**

Chair: Benoit Raybaud, IDM

Guillaume Chabot-Couture, *IDM*
Stephane Vouillamoz, *Novel-T*
Paul Chenoweth, *WHO*

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10:30am-11:00am *Coffee and Break*

11:00am-1:00pm Auditorium **Risk Mapping**
Breakout

Chair: Guillaume Chabot-Couture, IDM
Graham Medley, *London School of Hygiene & Tropical Medicine*
Bobby Reiner, *Institute for Health Metrics and Evaluation*
Vince Seaman, *Bill & Melinda Gates Foundation*
Qinghua Long, *IDM*

Juniper **Evolutionary**
Epidemiology
Breakout

Chair: Mike Famulare, IDM
Gytis Dudas, *Fred Hutchinson Cancer Research*
Katia Koelle, *Emory University*
John McCrone, *University of Michigan*
Katherine Xue, *University of Washington*
Mike Famulare, *IDM*

Laurel **Compartmental Modeling**
Software
Breakout

Min Roh, *IDM*

Madrona **HIV & TB Within Host**
Breakout

Chair: Stewart Chang, IDM
Miles Davenport, *Kirby Institute*
Alison Feder, *Stanford University*
Shuyi Ma, *Center for Infectious Disease Research*
Somdatta Sinha, *University of British Columbia*
Kirsten Wiens, *Institute for Health Metrics and Evaluation*

12:15pm-1:30pm *Lunch at Eques*

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1:30pm-2:30pm Auditorium **General Session 4;**
Models 2

Chair: Niket Thakkar, IDM
Jaline Gerardin, *IDM*
Britta Jewell, *UC Berkeley*

2:30pm-9:00pm *Excursion & IDM hosted Dinner*

IDM Symposium: Day 3

Hyatt Regency, Wednesday 4/18/2018 IDM Symposium; Software Accelerating Research

7:30am-8:45am Registration and Breakfast

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Please join us for a continental breakfast located outside the main entrance of the Auditorium.

9:00am-10:30am **Auditorium** **General Session 5;
Epi Databases, toolsets,
estimation** **Chair: Christopher Lorton, IDM**
Peter Diggle, *Lancaster University*
Benoit Raybaud, *IDM*
Dan Klein, *Bill & Melinda Gates Foundation*
Wilbert Van Panhuis, *University of Pittsburgh*

10:30am-11:00am *Coffee and Break*

11:00am-1:00pm **Auditorium** **Small Area Estimation in
Public Health and
Demography
Breakout** **Chair: Laina Mercer, IDM**
Monica Alexander, *UC Berkeley*
Laura Dwyer-Lindgren, *Institute for Health Metrics and
Evaluation*
Jon Wakefield, *University of Washington*
Katie Wilson, *University of Washington*

Juniper **Access, Treatment, and
All-Cause Mortality
Breakout** **Chair: Hao Hu, IDM**
Patrick Munywoki, *CDC Kenya*
Assaf Oron, *IDM*
Travis Porco, *UC San Francisco*
Bobby Reiner, *Institute for Health Metrics and Evaluation*
Abraham Flaxman, *Institute for Health Metrics and
Evaluation*
Laura Lamberti, *Bill & Melinda Gates Foundation*

Larch **TB Population Level
Breakout** **Chair: Brad Wagner, IDM**
Christy Hanson, *Bill & Melinda Gates Foundation*
Per Liljenberg, *Bill & Melinda Gates Foundation*
Cliff Kerr, *Burnet Institute*
Romesh Abeyesuriya, *Burnet Institute*
Sarah Metzger, *Bill & Melinda Gates Foundation*
Adrienne Shapiro, *University of Washington*
Jennifer Ross, *University of Washington*

Laurel **Measles
Breakout** **Chair: Kevin McCarthy, IDM**
Allison Portnoy, *Harvard TH Chan School of Public Health*
Laura Sampson, *Penn State University*
Niket Thakkar, *IDM*
Anne Rimoin, *UCLA*

12:15pm-1:30pm *Lunch at Eques*

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1:30pm-3:30pm **Auditorium** **General Session 6;
Panel Discussion** **Chair: Mandy Izzo**
Ruanne Barnabas, *University of Washington*

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Tom Smith, *Swiss TPH*
Stephane Vouillamoz, *Novel-T*
Adrienne Shapiro, *University of Washington*
Sahar Zangenah, *Fred Hutchinson Cancer Research*

3:30pm-4:30pm

Auditorium

Software Open Forum

Gene Oates, *IDM*
