# IDM Symposium: Day 1

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session</th>
<th>Chair(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30am-8:45am</td>
<td></td>
<td>Registration and Breakfast</td>
<td>Please join us for a continental breakfast located outside the main entrance of the Auditorium.</td>
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<tr>
<td>8:45am-9:00am</td>
<td>Auditorium</td>
<td>Welcome</td>
<td>Robert Hart, <em>IDM, VP &amp; General Manager</em></td>
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</tbody>
</table>
| 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*  
Myron Levine, *University of Maryland*  
Ben Lopman, *Emory University*  
Alicia Kraay, *University of Michigan*  
Virginia Pitzer, *Yale School of Public Health*  
Joe Eisenberg, *University of Michigan*  
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*  
Kathryn Peebles, *International Clinical Research Center*  
Alain Vandormael, *University of KwaZulu-Natal*  
Edinah Mudimu, *University of South Africa*  
Carol Camlin, *UC San Francisco*  
Graham Medley, *London School of Hygiene & Tropical Medicine* |
|              | Larch      | Malaria in Low-Transmission Settings Breakout | Chair: Amelia Bertozi-Villa, *IDM*  
Jennifer Flegg, *University of Melbourne*  
Daniel Parker, *UC Irvine*  
Antonio Quispe, *EsSalud*  
Mable Jerop, *Amref Health Africa*  
William Pan, *Duke University*  
Nguyen Tran, *Penn State University* |
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
Cecile Viboud, Fogarty International
Dave Smith, Institute for Health Metrics and Evaluation
Thomas Smith, Swiss TPH

3:15pm-4:00pm  **Coffee Break**

4:00pm-5:00pm  **Auditorium**  Keynote
*Chair: Robert Hart*
James Chirombo, Lancaster University
Poppy Miller, Lancaster University
Katie Owers, Yale University
Spencer Fox, University of Texas, Austin
Molly Steele, Emory University

5:00pm-6:00pm  **Auditorium**  Software Open Forum
Gene Oates, IDM

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**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
# IDM Symposium: Day 3

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session</th>
<th>Chair</th>
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<tbody>
<tr>
<td>10:30am-11:00am</td>
<td></td>
<td><strong>Coffee and Break</strong></td>
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<tr>
<td>11:00am-1:00pm</td>
<td>Auditorium</td>
<td><strong>Risk Mapping Breakout</strong></td>
<td>Chair: Guillaume Chabot-Couture, IDM</td>
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<td>Vince Seaman, Bill &amp; Melinda Gates Foundation</td>
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<td></td>
<td>Graham Medley, London School of Hygiene &amp; Tropical Medicine</td>
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<td></td>
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<td></td>
<td>Bobby Reiner, Institute for Health Metrics and Evaluation</td>
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<td></td>
<td>Cottonwood</td>
<td><strong>Compartmental Modeling Software Breakout</strong></td>
<td>Min Roh, IDM</td>
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<tr>
<td>1:30pm-2:30pm</td>
<td>Auditorium</td>
<td><strong>General Session 4; Models 2</strong></td>
<td>Chair: Niket Thakkar, IDM</td>
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<td>Jaline Gerardin, IDM</td>
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<td></td>
<td>Britta Jewell, UC Berkeley</td>
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<tr>
<td>12:15pm-1:30pm</td>
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<td>2:30pm-9:00pm</td>
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<td><strong>Excursion &amp; IDM hosted Dinner</strong></td>
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| 9:00am-10:30am | Auditorium | General Session 5; Epi Databases, toolsets, estimation                           | **Chair: Christopher Lorton, IDM**  
Wilbert Van Panhuis, University of Pittsburgh  
Benoit Raybaud, IDM  
Dan Klein, Bill & Melinda Gates Foundation  
Peter Diggle, Lancaster University
| 10:30am-11:00am |          | Coffee and Break                                                                  |                              |
| 11:00am-1:00pm | Auditorium | TB Population Level Breakout                                                      | **Chair: Brad Wagner, IDM**  
Adrienne Shapiro, University of Washington  
Jennifer Ross, University of Washington  
Per Liljenberg, Bill & Melinda Gates Foundation  
Sarah Metzger, Bill & Melinda Gates Foundation  
Christy Hanson, Bill & Melinda Gates Foundation
| Juniper       |          | Small Area Estimation in Public Health and Demography Breakout                    | **Chair: Laina Mercer, IDM**  
Jon Wakefield, University of Washington  
Katie Wilson, University of Washington  
Laura Dwyer-Lindgren, Institute for Health Metrics and Evaluation  
Monica Alexander, UC Berkeley
| Larch         |          | Access, Treatment, and All-Cause Mortality Breakout                               | **Chair: Hao Hu, IDM**  
Bobby Reiner, Institute for Health Metrics and Evaluation  
Travis Porco, UC San Francisco  
Laura Lambert, Bill & Melinda Gates Foundation  
Abie Flaxman, Institute for Health Metrics and Evaluation  
Assaf Oron, IDM  
Trevor Bedford, Fred Hutchinson Cancer Research  
Patrick Munywoki, CDC Kenya
| Laurel        |          | Measles Breakout                                                                  | **Chair: Kevin McCarthy, IDM**  
Allison Portnoy, Harvard TH Chan School of Public Health  
Niket Thakkar, IDM  
Anne Rimoin, UCLA  
Laura Sampson, Penn State University
| 12:15pm-1:30pm |          | Lunch at Eques                                                                    |                              |
| 1:30pm-3:30pm | Auditorium | General Session 6; Panel Discussion                                               | **Chair: Guillaume Chabot-Couture**  
Ruanne Barnabas, University of Washington  
Tom Smith, Swiss TPH  
Stephane Vouillamoz, Novel-T  
Adrienne Shapiro, University of Washington
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