



# 19-20 FEBRUARY 2019

## United Nations, New York

### Background & Agenda

*(as of 30 January 2019)*

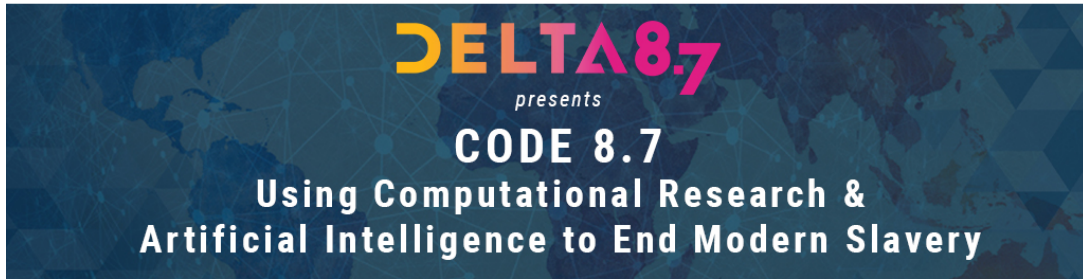
Delta 8.7, The Alan Turing Institute, the Computing Community Consortium, Tech Against Trafficking, the Rights Lab and the Global Security Initiative at Arizona State University are delighted to announce **Code 8.7**, a conference to be held at and near United Nations Headquarters in New York on Tuesday 19 and Wednesday 20 February 2019.

The conference aims to forge connections between the global computational research (including artificial intelligence research) and tech communities, on the one hand, and, on the other, the community working to achieve Target 8.7 of the Sustainable Development Goals. In Target 8.7, 193 countries agreed to take immediate and effective measures to end forced labour, modern slavery and human trafficking by 2030, and the worst forms of child labour by 2025.

Code 8.7 will help:

- Strengthen the understanding amongst computational science and AI experts and practitioners of the ongoing scale, nature and forms of modern slavery and other Target 8.7 exploitation, and what works in addressing it;
- Strengthen the understanding and use of computational science and AI by actors involved in fighting modern slavery and other Target 8.7 exploitation;
- Connect these two global communities – the anti-slavery movement and the computational science and AI practitioner and research communities;
- Identify actual or latent demand for AI and computational science techniques and resources, and begin to match it to data-holders and/or beneficiaries;
- Use joint problem solving to develop ‘technology pipelines’ providing deployable tools and techniques grounded in real experience of anti-slavery actors;
- Begin a discussion about how to provide the infrastructure for an ongoing, structured and truly global conversation between these communities that will allow them to strengthen joint problem solving and better use computational science and AI to end modern slavery.

For more information or to register (RSVP by 8 February), visit: [www.delta87.org/code87](http://www.delta87.org/code87)



**DAY ONE – OPPORTUNITIES**  
**Tuesday 19 February 2019**

**Venue:** Convene, 730 Third Avenue, New York, 10017

0845 Arrival, registration, coffee

0915 **[Plenary] Opening Session**

**Welcomes and Conference Overview**

*Organizing Committee representatives: James Cockayne, Anjali Mazumder, Dan Lopresti and Zoe Trodd*

*What this effort can mean for survivors – Jessica Hubley and Laura Hackney, from Annie Cannons*

**Keynote** - Can computational science accelerate the fight against modern slavery? – *Kevin Bales, Rights Lab*

1000 **[Plenary] Opportunities Showcase**

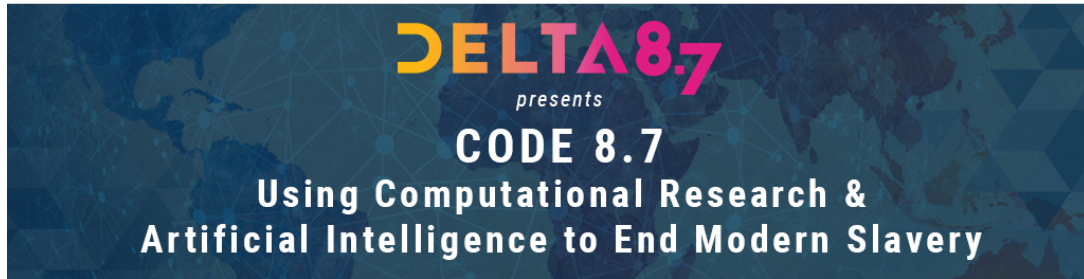
*This session will briefly showcase some of the opportunities that are emerging for use of computational science and AI to address modern slavery, some of which will be discussed in more depth in the ‘Mini-Hothouse’ sessions during the remainder of the day. It will provide a quick way into some of the creative uses of computational science and AI that are beginning to emerge in this field.*

**Moderator:** *Todd Landman, Rights Lab*

**Presenters:** Analysing ODA using machine learning – *Kelly Gleason, UN University*  
Mining government data in Brazil – *Luis Fabiano de Assis, SmartLab Brazil*  
Technology touches trafficking victims: how can AI find them? – *Dominique Roe-Sepowitz, ASU*  
Slavery from space – *Doreen Boyd, Rights Lab*  
Using migration data – *Harry Cook, CTDC*  
High precision vulnerability mapping – *James Goulding, Rights Lab*

Moderated interactive discussion





1045 Coffee

1100 **[Parallel] Mini-Hothouses – Parallel Sessions A and B**

*These ‘mini-hothouses’ will provide participants the opportunity to brainstorm how computational science methods might be better brought to bear on particular pieces of the Target 8.7 puzzle. The aim is not to arrive at definitive solutions or consensus approaches or to develop new code or tools, but rather to tease out promising opportunities for further exploration and collaborative problem-solving. This will inform a readout session and discussion of Challenges on Day Two.*

**A – Vulnerability mapping and modelling**

Moderator: *Davina Durgana, Walk Free Foundation*

Presenters: *Maria Olave, Regional Initiative Latin America on vulnerability to child labour*

*James Goulding, Rights Lab*

*Harry Cook, CTDC*

Rapporteur: *Todd Landman, Rights Lab*

**B – Using ICT to find hidden populations**

Moderator: *Nadya Bliss, ASU*

Presenters: *Shannon Stewart, GFEMS*

*Private sector speaker TBC*

*Hannah Thinyane, UNU-CS*

Rapporteur: *Zoe Trodd, Rights Lab*

1230 Lunch

1330 **[Parallel] Mini-Hothouses – Parallel Sessions C and D**

**C – Mining government data to reach Target 8.7**

Moderator: *Anjali Mazumder, Turing Institute/Carnegie Mellon*

Presenters: *Luis Fabiano de Assis, SmartLab Brazil*

*Clare Gollop, UK Policing Taskforce*

*Julia Kocis, Lehigh County Regional Intelligence Centre*

Rapporteur: *Davina Durgana, Walk Free Foundation*





### **D – Slavery from space**

Moderator: *Kevin Bales, Rights Lab*

Presenters: *Austin Choi-Fitzpatrick, Joan B. Kroc School of Peace Studies*  
*Doreen Boyd, Rights Lab*  
*Andrew Zolli, Planet*

Rapporteur: *Hannah Darnton, Tech Against Trafficking*

1500 Coffee

1515 **[Parallel] Mini-Hothouses – Parallel Sessions E and F**

### **E – Fintech**

Moderator: *James Cockayne, Delta 8.7/Financial Sector Commission on Modern Slavery*

Presenters: *Andreas Feiner, S-Ray*  
*Liz Barrick, TRAC*  
*Bill Peace, Stop the Traffik*

Rapporteur: *Kilian Moote, Know The Chain*

### **F – Finding hidden populations: orphanage trafficking**

Moderator: *Kelly Gleason, Delta 8.7*

Presenter: *Chloe Setter, Lumos Foundation*

Rapporteur: *Turing Institute (TBC)*

1700 Close

## **DAY TWO – CHALLENGES** **Wednesday 20 February 2019**

**Venue: United Nations Headquarters, Conference Room 5**  
Enter via Visitors' entrance, 45<sup>th</sup> Street and First Avenue

0845 *Access passes for UN grounds distributed at visitors' entrance, 45<sup>th</sup> Street and First Avenue*





0930 **[Plenary] Reports from previous day's hothouses**

*Rapporteurs will present recaps of key themes that emerged from the previous day's mini-hothouses, including: opportunities for joint problem-solving; applied and theoretical research agendas; and challenges that emerge from these discussions.*

Moderator: *James Cockayne, Delta 8.7*

A – Vulnerability mapping and modelling – *Todd Landman, Rights Lab*

B – Using ICT to find hidden populations – *Zoe Trodd, Rights Lab*

C – Mining government data to reach Target 8.7 – *Davina Durgana, Walk Free Foundation*

D – Slavery from space – *Hannah Darnton, Tech Against Trafficking*

E – Fintech – *Kilian Moote, Know The Chain*

F – Orphanage trafficking – *TBC*

Moderated discussion

1030 **[Plenary] Towards a pipeline – Technology, Techniques and Training**

*This interactive session will explore what technologies, systems, platforms, techniques and training are needed to scale up use of computational science to solve 'Target 8.7 problems', and consider how these can be promoted.*

Moderator: *Hannah Darnton, Tech Against Trafficking*

Intervention 1: Is AI a silver bullet? *Anjali Mazumder, Turing Institute/Carnegie Mellon*

Intervention 2: Common data collection and taxonomy protocols – *Harry Cook, IOM*

Intervention 3: Getting the tech community involved – *Phil Bennett, Founding Member, Tech Against Trafficking*

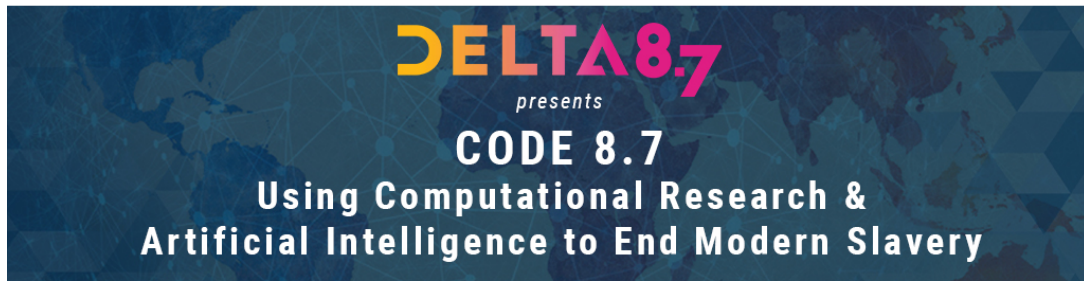
Intervention 4: Data trusts – *Steve Anning, British Army*

Discussant: *Nadya Bliss, ASU*

*Interactive discussion*

1200 Lunch





1330 **[Plenary] Creating incentives for action – Research, Regulation and Rewards**

*This interactive session will explore how governments, industry actors and international organizations can facilitate responsible and effective use of computational science to accelerate progress towards Target 8.7.*

Moderator: *Zoe Trodd, Rights Lab*

Intervention 1: Encouraging innovation – the role of government and the academy – *Keith Marzullo, Dean, iSchool University of Maryland College Park*

Intervention 2: Developing a shared research agenda – *Dan Lopresti, CCC*

Intervention 3: Purpose over profit? The role of business – *Sophia Tu, IBM*

Discussant: *James Cockayne, Delta 8.7*

*Interactive discussion*

1500 **[Plenary] How can we advance collaborative problem-solving?**

*This final session will provide an opportunity for all participants to discuss how collaborative problem-solving involving computational science to accelerate progress towards Target 8.7 could be advanced.*

1630 Close

