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
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
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

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, 45th Street and First Avenue

0845  Access passes for UN grounds distributed at visitors’ entrance, 45th 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