Global CTF: Country2Country (C2C)
Draft 5-year Plan

Background. Cambridge2Cambridge (C2C) CTF (Capture the Flag) competition was seeded in early January 2015, when UK Prime Minister David Cameron visited US President Barack Obama. Professor Frank Stajano from University of Cambridge in UK, INCS-CoE WG3 advisor, and Dr Howard Shrobe of MIT@CSAIL, Cambridge, MA, US, started the international Cambridge2Cambridge between University of Cambridge and MIT in Cambridge MA in 2015-2016 academic year. INCS-CoE WG3 and member universities led by Lori Glover of MIT @CSAIL have been discussing the possibility of a global scale CTF, called **Country2Country (C2C)**, for a 5-year plan, by extending past experiences and learned lessons of Cambridge2Cambridge.

Vision and Objectives. C2C global vision is to entice thousands of people worldwide to study cyber-security at university-level. C2C goals are based upon the observation that protection against cyber-criminal and state-sponsored attacks will need a large cohort of skilled individuals with an understanding of principles of cyber-security and practical experience of these principals.

Current Plan. The 5-year plan that INCS-CoE WG3 partners have been discussing include:

1) Locally hosting university should provide: a) student dormitory/housing, b) food, c) local transportation from the airport, and d) social activities.
2) Definition of local fundraising, corporate support and space, by coordinating and securing corporate partners for prize money awards for a) Main Challenge and b) Side Challenges.
3) *Main Challenge* room needs to have at least the capacity of 100 – 150 students, Wi-Fi, big screen, while *Side Challenges'* rooms are managed by 5+ sponsoring organizations.
4) The tentative 5-year plan of the hosting universities that have shown interest so far is:

	2019	2020	2021	2022	2023
Hosted by	MIT	Royal Holloway	Keio	Technion	?

5) Current considerations for the scenarios and contents are provided on the cloud-based solution HyperQube (to be confirmed after the global on-line CTF).

Open Calls and Benefits. We are looking for (i) the **5th hosting university** outside of US, UK, Japan, and Israel for the 2023 C2C CTF and (ii) **sponsors** for both C2C Main Challenge and Side Challenges to start the first edition of the C2C CTF in June-July 2019 timeline. For Universities, this is a great opportunity to promote their best students and their programme in cyber-security. Sponsors might have the opportunity to engage directly with future leaders in cyber security by also proposing specific side challenges.

Contact. For more information on benefits and support, please contact us at:

- Lori Glover (loriglover@csail.mit.edu)
- Kazuo Noguchi (knoguchi@sfc.keio.ac.jp)
- Daniele Sgandurra (daniele.sgandurra@rhul.ac.uk)

Thank you for your support!