

# **The Center for Informed Democracy and Social-cybersecurity (IDeaS)**



## **Virtual Summer Institute**

June 10-15, 2021

An in-depth workshop on the state-of-the-art  
in social-cybersecurity

**Carnegie Mellon University**



# About IDeaS Summer Institute

Social-cybersecurity “is an emerging scientific area focused on the science to characterize, understand, and forecast cyber-mediated changes in human behavior, social, cultural, and political outcomes, and to build the cyber-infrastructure needed for society to persist in its essential character in a cyber-mediated information environment under changing conditions, actual or imminent social cyber-threats.”<sup>1</sup>

The IDeaS Summer Institute is an intense, hands-on training camp that teaches participants about the theories, methods, and tools used in the field to identify and combat disinformation, hate speech, and extremism online.

1. Carley K.M., Cervone G., Agarwal N., Liu H. (2018) Social Cyber-Security. In: Thomson R., Dancy C., Hyder A., Bisgin H. (eds) Social, Cultural, and Behavioral Modeling. SBP-BRiMS 2018. Lecture Notes in Computer Science, vol 10899. Springer, Cham. [https://doi.org/10.1007/978-3-319-93372-6\\_42](https://doi.org/10.1007/978-3-319-93372-6_42)



# About the Center for IDeaS

The Center for Informed Democracy & Social-cybersecurity (IDeaS) was founded at Carnegie Mellon University in 2019 with funding from the [Knight Foundation](#). Led by Co-directors Dr. Kathleen M. Carley and Dr. David Danks, the goal of the Center for IDeaS is to enhance social-cybersecurity to preserve and support and informed democratic society.

The use of social media to harm ranges from individuals using it for cyber-bullying, to extremist groups recruiting members, to states using it to encourage polarization and unrest. As more of our lives move online, we are increasingly challenged by hate speech, disinformation campaigns and extremism. IDeaS brings together a community of scholars, practitioners, and policy-makers to develop new theories, applications, educational practices, and policies to foster an informed democratic society in a cybermediated environment.



# Who Attends

This institute is aimed at individuals who want to learn more about social-cybersecurity, an emerging field of research and policy.

Typical attendees include:

- Graduate Students
- Faculty
- Personnel from industry, education and government
- Military
- Journalists



# What You'll Learn

Topics covered include:

- How social media is used to spread disinformation, hate-speech and extremism online
- Types of technologies used to identify, combat, or measure the impact of these influence campaigns
- How communities can be more resilient in the face of such campaigns.

Sessions will include seminars and technology demonstrations. Additional material for those who want to learn several of the key tools will be available.



# Who You'll Learn From

## Carnegie Mellon University Faculty



**Kathleen M. Carley**

Director, Center for IDeaS  
Professor, Institute for Software Research



**Richard Carley**

Professor, Electrical and  
Computer Engineering



**David Danks**

Co-Director, Center for IDeaS  
Louis Leon (L. L.) Thurstone Professor  
of Philosophy & Psychology



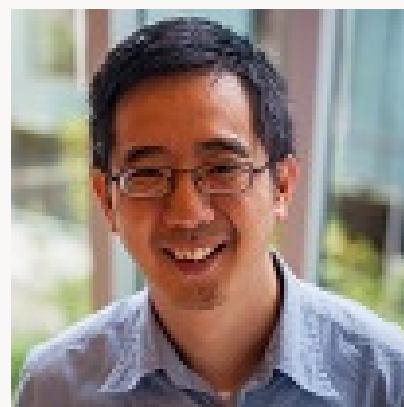
**Alexander Davis**

Associate Professor, Engineering  
and Public Policy



**Baruch Fischhoff**

Howard Heinz University Professor  
Institute for Politics and Strategy  
and Engineering & Public Policy



**Jason I. Hong**

Professor, Human-Computer  
Interaction Institute



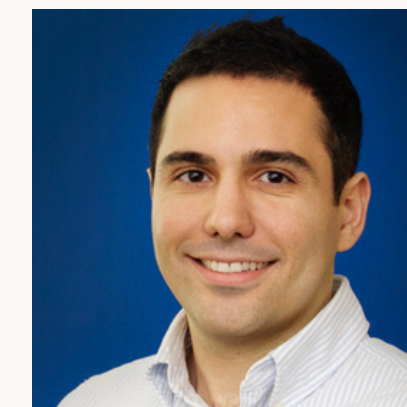
**Daniel Oppenheimer**

Professor, Social and  
Decision Sciences



**Conrad Tucker**

Arthur Hamerschlag Career Development  
Professor, Mechanical Engineering



**Osman Yağın**

Associate Research Professor  
CIT Dean's Early Career Fellow  
Electrical and Computer Engineering & CyLab



# Resources & Community

- [Full IDeaS SI Schedule](#)
- One full day of tutorial sessions on various detection, assessment and analysis software, with live Q&A led by CMU graduate students (Saturday, June 12)
- Ability to register for both IDeaS and CASOS Summer Institute (June 7-13)
- Networking opportunities during Summer Institute
- Supplementary session materials



# How to Register

Find registration fees and information on our website:

<https://www.cmu.edu/ideas-social-cybersecurity/events/ideas-summer-institute.html>



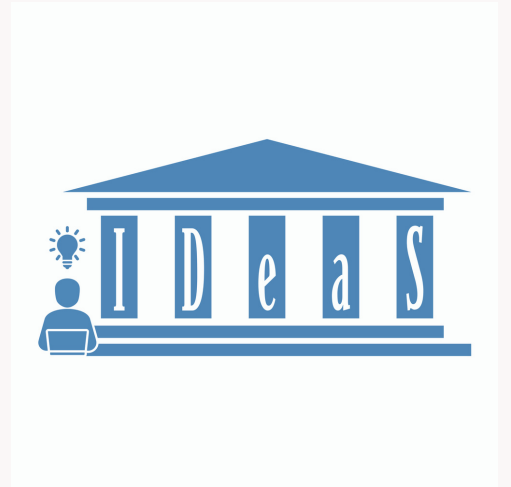
**REGISTER HERE**

<https://www.regpack.com/reg/SI2021>



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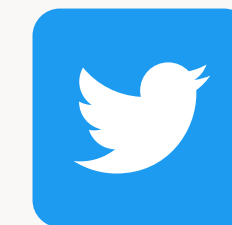
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