

IEEE Security and Privacy Workshop Proposal Template

Directions

Workshop proposals consist of three components:

1. A **technical proposal** of 1 to 2 pages in length that describes the topics to be addressed at the workshop and the importance of these topics.
2. A draft of the **preliminary call for papers, posters, contributions, etc.**
3. **Information** about your proposed workshop provided **using a copy of this template**. The template is intended to help potential workshop organizers provide information regarding their workshop plans by serving as a reminder of the many aspects of the workshop that need to be considered. You may add additional sections if there are additional logistics you need to communicate.

To submit your workshop proposal, concatenate the items above (technical proposal, preliminary call for papers, and completed template) into a single PDF and submit it according to the instructions on the Call for Workshops page.

Workshop Info

Workshop title: First International Workshop on Cyberbiosecurity

Workshop acronym: CyberBio

Workshop length. Workshops are expected to be no longer than a full day. Will the proposed workshop be less than a full day?

Yes ☐ No ☒ However, if needed we can limit the number of accepted papers/talks or change their format to shorten the workshop.

Expected number of participants: 40-50

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Organizers

Workshop Organizers				
Position	Name	Affiliation	Phone	email
Chair	Whitney Bowman-Zatzkin	BIO-ISAC		whitney@isac.bio
	Social Media Handles:	Linkedin: @whitneyzatzkin https://about.me/whitneyz		
Program Committee Chair	Rami Puzis	Ben-Gurion University of the Negev	+972-544764010	puzis@bgu.ac.il
	Social Media Handles:	Linkedin: @rami-puzis-9396124 https://faramirp.wixsite.com/puzis		
Program Committee Chair	Jacob Beal	RTX BBN Technologies	+1 617-873-7676	jake.beal@rtx.com
	Social Media Handles:	Linkedin: @jake-beal https://jakebeal.github.io/		
Publicity Chair	David Molik	Kansas State University	+1 785-532-5399	molik@ksu.edu
	Social Media Handles:	Linkedin: @dmolik https://lib.k-state.edu/about/our-people/david-molik/		
Publicity Chair	Tessa Alexanian	IBBIS		tessa@ibbis.bio
	Social Media Handles:	Linkedin: @tessaalexanian https://tessa.fyi/		

* Add rows or adjust titles as needed.

Organizer Experience. Provide a few (brief) examples of previous experience the workshop organizers have in organizing successful technical events:

Whitney Bowman-Zatzkin is Co-Founder and Director of BIO-ISAC and has managed numerous health technology conferences and workshops. Events she organized include among others a regional cyberbiosecurity event with FBI Boston Cyber Task Force, Google Cloud, and Northeastern University (2024) and the [Cyberbiosecurity Summit \(2025\)](#). She served as Managing Director of Flip the Clinic (Robert Wood Johnson Foundation) and Co-PI for Scouting Health with Westat, producing 50+ broadcasts at TEDMED.

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Rami Puzis has served as a PC Chair in NetSciX 2017, CSAW 2019 Israel, CSAW 2020 Israel, and CSCML 2025. He organized two workshops for the ICRDE (US-Israel Initiative on Cybersecurity Research and Development for Energy) consortium with roughly 50 attendees each.

Jake Beal represents RTX BBN to the International Gene Synthesis Consortium (IGSC) and co-leads the Sequence Biosecurity Risk Consortium (SBRC). He has organized sessions at SynBioBeta summits and led biosecurity workshops internationally.

David Molik is launching Cyberbiosecurity Quarterly, a new academic journal published by Kansas State University's New Prairie Press in partnership with BIO-ISAC. He has organized academic symposiums and conferences on AI and digital scholarship.

Tessa Alexanian serves as Technical Lead for the Common Mechanism and has organized workshops at Global Biofoundry Alliance meetings and iGEM conferences. She leads international initiatives in biosecurity standardization.

Track Record

New workshop? Is this a new workshop to be hosted for the first time?

Yes ☒ No ☐

Program Committee. Who do you anticipate on the program committee? Who has already committed? Who has been invited? Who do you plan to invite?

Program Committee Plans*				
Name	Affiliation	Committed	Invited	Plan to invite
David Molik	Kansas State University	X		
Tessa Alexanian	IBBIS	X		
Ahmad-Reza Sadeghi	TU Darmstadt			X

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Yossi Oren	Ben-Gurion University	X		
Ivan Damgård	Aarhus University			X
Andrew Yao	Tsinghua University			X
Tadayoshi Kohno	University of Washington			X
Vinod Vaikuntanathan	MIT			X
Luis Ceze	University of Washington			X
Nancy Connell	Johns Hopkins University			X
Amir Herzberg	University of Connecticut			X
Kevin Esvelt	MIT Media Lab			X
Cristina Nita-Rotaru	Northeastern University			X
Jean Peccoud	Colorado State University			X
Jacob Moran-Gilad	Ben-Gurion University			X
Daniel Wichs	Northeastern University			X
Susan Duncan	Virginia Tech			X
Yu Yu	Shanghai Jiao Tong University			X
Alvaro Cardenas	UC Santa Cruz			X
Mingyu Gao	Tsinghua University			X
David Balenson	USC Information Sciences Institute			X
Barak Rotblat	Ben-Gurion University			X
Randall Murch	Virginia Tech			X
Adam Bates	University of Illinois Urbana-Champaign			X
Nicole Wheeler	University of Birmingham			X

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Lan Xue	Tsinghua University			X
Kenneth Oye	MIT			X
Carsten Baum	Technical University of Denmark			X
Christopher Chyba	Princeton University			X
Adwait Nadkarni	William & Mary			X
Craig Bartling	Battelle Memorial Institute			X
Xiang Li	Tsinghua University			X
Isana Veksler-Lublinsky	Ben-Gurion University	X		
Omer Paneth	Tel Aviv University			X
Jeff Nivala	University of Washington			X
James Diggans	Twist Bioscience			X
Jun Dai	Worcester Polytechnic Institute			X
Hongrui Cui	Shanghai Jiao Tong University			X
Dov Greenbaum	Yale School of Medicine			X
Gemma Bowsher	King's College London			X
Karl Koscher	University of Washington			X
Eleonore Pauwels	Arizona State University			X
Adam Clore	Integrated DNA Technologies			X
Charlie Bell	Microsoft			X
Todd Peterson	Synthetic Genomics Inc.			X
Brian Haberman	Johns Hopkins Applied Physics Laboratory			X
Peter Ney	University of Washington			X

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Dana Gretton	MIT Media Lab			X
Bruce Wittmann	Microsoft			X
Emma Chory	Duke University			X
Piers Millett	IBBIS			X
Bryan Gemler	Battelle Memorial Institute			X
Arkaprabha Bhattacharya	University of Washington			X
Brian Wang	Advanced Research + Invention Agency (ARIA)			X
Jeremy Ratcliff	Johns Hopkins Applied Physics Laboratory			X
Emily Crawford	Gryphon Scientific			X
Erika DeBenedictis	Francis Crick Institute			X
Lauren Richardson	Merrick & Company			X
Stephen Lewis	Merrick & Company			X
Andrew Rose	BIO-ISAC			X
Ali Nouri	Federation of American Scientists			X

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Publicity

The SPW committee will help with publicity via a free ad in Security and Privacy Magazine and a banner ad on computer.org, email lists of past attendees (those with opt-in), and notifications to press organizations. However, each workshop must conduct its own focused outreach. The majority of a workshop's attendees come from the publicity of the organizers.

Publicity Schedule. Provide a schedule for sending announcements, both for the Call for Papers, and later for the Call for Participation. Consider dates for the initial publicity and those for intermediate and last-minute reminders:

Publicity Activity	Date
Initial CFP announcement to all mailing lists	November 21, 2025
CFP reminder to academic conferences and workshops	December 19, 2025
Targeted outreach to potential authors	January 2, 2026
Final CFP reminder across all channels	January 9, 2026
Call for participation with accepted papers	March 13, 2026
Final workshop promotion to IEEE S&P attendees	May 7, 2026

* Add rows as needed.

Publicity Target. Provide a preliminary list of some of the initial groups to whom publicity will be sent

	Publicity Target
1	BIO-ISAC Member Network - direct cyberbiosecurity community
2	IGSC Member Companies - DNA synthesis industry with security concerns
3	IEEE Computer Society Security & Privacy mailing lists
4	Cipher Newsletter - IEEE Security & Privacy magazine distribution
5	EBRC Community - synthetic biology researchers

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6	IBBIS Network - biosecurity researchers
7	iGEM Community - synthetic biology students and researchers
8	ACFTI mailing list - cybersecurity practitioners
9	Cybersecurity academic consortium networks
10	Traditional biosafety and biosecurity organizations

* Add rows as needed.

Basic Logistics

Workshop Publications. If workshops choose to publish proceedings then it is expected that they will use the IEEE Computer Society Press. The SPW organizers will set up a contract with the CS Press that the individual organizers can utilize.

Do you plan to publish workshop papers or output? Yes ☒X___ No _____

- ☒X___ Using the Security & Privacy Workshop organizers, to publish in the IEEE CS Press published proceedings
(If selected, what is the anticipated page count for all the papers you plan to accept? 80-120)
- _____ Other. Describe _____

Workshop Dates and Deadlines. Manuscripts for publication in the official proceedings will be due on approximately March 1st, so the schedule can work back from that deadline.

Event	Date
Call for Papers	November 21, 2025
Paper Submissions Due	January 30, 2026
Acceptance Notice to Authors	February 27, 2026

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Camera-ready papers due	April 10, 2026
Publication-ready Papers Submitted	Official date TBD. (pain conference deadline April 17, 2026)

Funding. We encourage workshop organizers to seek their own sponsor funding for their needs (e.g., support invited keynote speakers or panelists) but this is not required. **However, workshop organizers must check with the main conference's Donation Chairs before approaching the sponsors.**

The organizing team will seek sponsor funding from industry partners including IGSC member companies, biotechnology corporations, and cybersecurity firms. However, this is not required for workshop operation. All approaches to sponsors will be coordinated with the main conference's Donation Chairs.

Special Local Arrangements. Workshop rooms generally have projectors and audio equipment for presenters, and wireless internet and power for guests. Beyond these, do you anticipate a need for special local arrangements? For example, will you need easels or special equipment? Please describe these.

No special arrangements required.

Complimentary Registration(s) Needed. We may be able to offer a limited number of complimentary registrations (typically 1-2) for each workshop. This could be used for keynote speakers or panelists for example. We cannot guarantee this, but you need to include your request in the proposal. How many complimentary registrations do you need and how do you plan to use them (If possible, indicate in-person/virtual)?

We ask for two complimentary (in-person) registrations for keynote speakers.

Other considerations of which you feel we should be aware. For example, see the notes below.

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Note (Workshop Space): *Workshop space is contracted with the hotel far in advance of the event (generally, a year or more in advance). We accept only workshops that we can accommodate with the space we have already contracted. We assume a workshop will use one workshop room on the day of the event. Otherwise, all special space constraints must be noted in advance, in this proposal: an extra meeting space the night prior to the event or extra break-out rooms during the event are examples of items that must be mentioned in your proposal (clarifying if these are hard requirements, or not). We will investigate if these can be accommodated at the time of reviewing your proposal. Otherwise, all new requirements related to space that arise later will be denied.*

Note (Workshop Format): *The workshop day is expected to fit into a model that has a morning coffee break, a lunch, and an afternoon coffee break with working sessions between these. Above, tell us if your workshop will be structured around a different format. We may not be able to accommodate the logistics of all formats.*