



Submit a Proposal

The NICE K12 Conference program committee seeks proposals from thought leaders in education, government, industry, students, and nonprofits exploring the themes of cybersecurity career awareness, infusing cybersecurity across the education portfolio, highlighting innovative cybersecurity educational approaches, designing cybersecurity academic and career pathways, and promoting cybersecurity awareness.

The 2018 NICE K12 Cybersecurity Education Conference is seeking timely and thought-provoking K12 cybersecurity focused presentations that will challenge and inform educational leaders from across the stakeholder community. This year we are building upon last year's excellent student involvement and are calling for student presenters in each of the tracks. Proposals are encouraged to highlight effective collaborations, bold experiments and innovations, metrics of success, and other potentially game-changing methods in K12 cybersecurity education.

The conference will feature five tracks which include:

- 1. Increase Cybersecurity Career Awareness**
- 2. Infusing Cybersecurity Across the Education Portfolio**
- 3. Integrating Innovative Cybersecurity Educational Approaches**
- 4. Designing Cybersecurity Academic and Career Pathways**
- 5. Promoting Cyber Awareness**

IMPORTANT CALL FOR PROPOSAL DATES:

May 1, 2018 - Call for Proposal submissions opens

June 15, 2018 - Call for Proposal submissions closes

Submission Guide

We seek content that

- Provides a model for addressing the [National K12 Cybersecurity Education Implementation Plan](#) components.
- Increases technical knowledge and skills preparing K12 students for future careers in the cybersecurity workforce, emphasizing hands-on activities.
- Explores systems, models, practices and strategies for achieving digital age learning in formal and informal learning environments, both virtual and face-to-face.
- Incorporates technical content appropriate for all levels of expertise, from beginner to advanced.
- Encourages audience participation and engagement to add to the conversation around providing solutions to help increase workforce readiness.

Proposal review criteria

NICE strives to offer a balanced, informative and thought provoking conference that best fits within the National K12 Cybersecurity Education Implementation Plan. The conference proposal selection committee will include experienced, diverse academic STEM and cybersecurity educators/professionals. In evaluating conference proposals, reviewers will be asked to consider both the technical aspects of the proposal and the way in which the presentation/session will contribute to transforming K12 cybersecurity education. The following elements will be considered in the review of conference proposals:

- the potential for the proposed session/presentation to contribute to and advance the knowledge base and understanding of K12 cybersecurity education reform.
- the extent to which the session/presentation offers creative, novel and transformative mechanisms for enhancing K12 cybersecurity learning, particularly for historically underrepresented students.
- the overall contribution of the session/presentation to inclusive excellence; and the ease by which conference session/presentation materials and outcomes can be adapted to a wide range of institution types.
- the potential for high impact and ease of adaptability among communities of practice.

Session Formats

2018 NICE K12 Cybersecurity Education Conference features sessions in several formats to accommodate a variety of learning styles.

Session formats include:

- Interactive lecture - 30-45 minutes. Hands-on activities for audience participation.
- Panel - 45-60 minutes. Moderator and 2-3 panelists.

- Poster Session - up to 60 minute session. Posterboard displays.
- Soapbox session - 8-10 presentation
- Lightning talks - short 5 minute presentations

What Makes a Good Proposal?

Key Presentation outcomes

- **Enhance educators' knowledge.** Our goal is to increase both the technical and pedagogical knowledge of K12 educators as they support students preparing for the workforce.
- **Help develop workforce readiness skills.** Explore ways to encourage and empower educators and students to increase workforce readiness.
- **Advance digital age learning.** Delve into systems, models, practices and strategies for creating meaningful digital age learning experiences, both virtual and face-to-face.
- Address the NICE K12 Implementation Plan components. Which components in the Implementation Plan does your proposal address?
- **Incorporate technical content.** Our conference covers technical content appropriate for all levels of expertise, elementary, middle and high school level, from beginner to advanced.
- **Encourage audience participation.** Think beyond the lecture and devise new ways to engage your audience. Our session formats include interactive concurrent sessions, workshops, panels, poster presentations and more.
- **Inspire integrative cross-disciplinary STEM approaches.** Describe innovative approaches for enhancing interdisciplinary STEM learning in encouraging students to pursue cybersecurity careers.

Give your presentation submission an edge by following these simple steps

Step 1: Know your audience

Most common attendee job roles include:

- K12 Educator
- Principal/Vice Principal
- Instructional Technology Coach/ Director
- School Counselor
- School District Administrator
- Higher Education Faculty

Step 2: Pick your format

Interactive lecture
 Panel discussion
 Poster session
 Soapbox session
 Lightning talk

Step 3: Choose a Focus

The conference tracks include:

Increase Cybersecurity Career Awareness

This theme will focus on increasing and sustaining youth and public engagement in cybersecurity activities. Proposals that emphasize activities to include a national cybersecurity career awareness campaign targeting educators, students, parents, administrators, and counselors are particularly encouraged. Proposals that describe the impact of co-curricular experiences (e.g., competitions, camps, clubs, boy/girl scouts, etc.) for youth that excite them about careers in cybersecurity and introduce them to the corresponding academic pathways will be given priority. Proposals showing promising practices to increase the appeal of the cybersecurity profession to a diverse audience are highly encouraged.

Infusing Cybersecurity Across the Education Portfolio

This theme will include presentations and sessions that describe stellar cybersecurity education interventions for the future STEM and cybersecurity workforce. A focus on infusion of cybersecurity concepts into classroom instruction that align to the NICE Cybersecurity Workforce Framework is appropriate for this theme. Proposals sharing creative strategies for developing and replicating programs that support youth obtaining knowledge, skills, and abilities required for success in the future STEM and cybersecurity degree programs and/or workforce are highly encouraged.

Innovative Cybersecurity Educational Approaches

This theme will also explore successful proven methods to stimulate innovative educational approaches to accelerate learning and skills development. This theme will focus on proven methods to improve K12 cybersecurity education instruction. Sessions should highlight strategies that increase coordination among teacher preparation, professional development, support, and recognition efforts within existing and proposed cybersecurity educator programs.

Designing Cybersecurity Academic and Career Pathways

This theme will include presentations and sessions that describe successful models to increase the number of youth pursuing a cybersecurity or cybersecurity related degree, certificate or career. Examples of state or local recognized cybersecurity career pathways for high school students that improve upon state Career Technical Education (CTE) and Programs of Study (POS) are highly encouraged. Special emphasis is placed on initiatives that are readily transferable and easily adaptable supporting a nationally recognized cybersecurity academic pathway for elementary, middle and secondary school students. Program proposals that show how to increase the number of schools who are providing dual enrollment, early college programs, and other creative alternate efforts that challenge students academically and provide opportunities to reduce the time and cost of obtaining a college degree will be given priority.

Promoting Cyber Awareness

This theme will focus on the knowledge, skills, and behaviors needed to understand, use, and safely interact with technology, media, and digital resources. Proposals that highlight effective resources, practices, and achievements of programs to help students be responsible, ethical and resilient digital citizens will be given priority

Step 4: Complete your Proposal

SUBMIT YOUR PROPOSAL

Step 5: Check your email

Submitters will be notified if their session was selected by mid July.

iKeepSafe requires all speakers and presenters to register for the conference and pay the appropriate registration fee.

Please be advised that sales-oriented proposals will not be selected. Those wishing a forum to demonstrate proprietary tools or solicit business are welcome to participate as an exhibitor during the conference. Vendors are welcome and should visit www.k12cybersecurityconference.org/exhibitors.