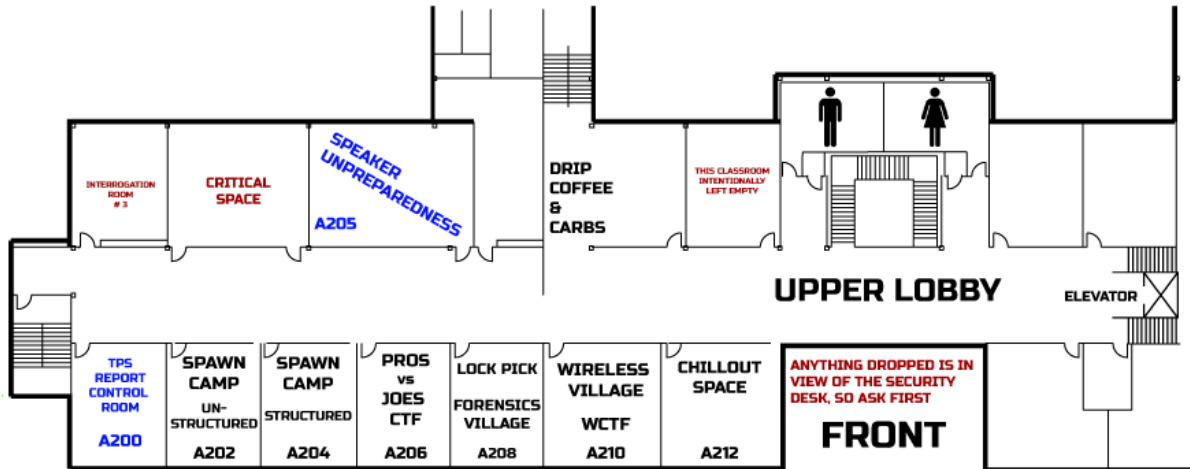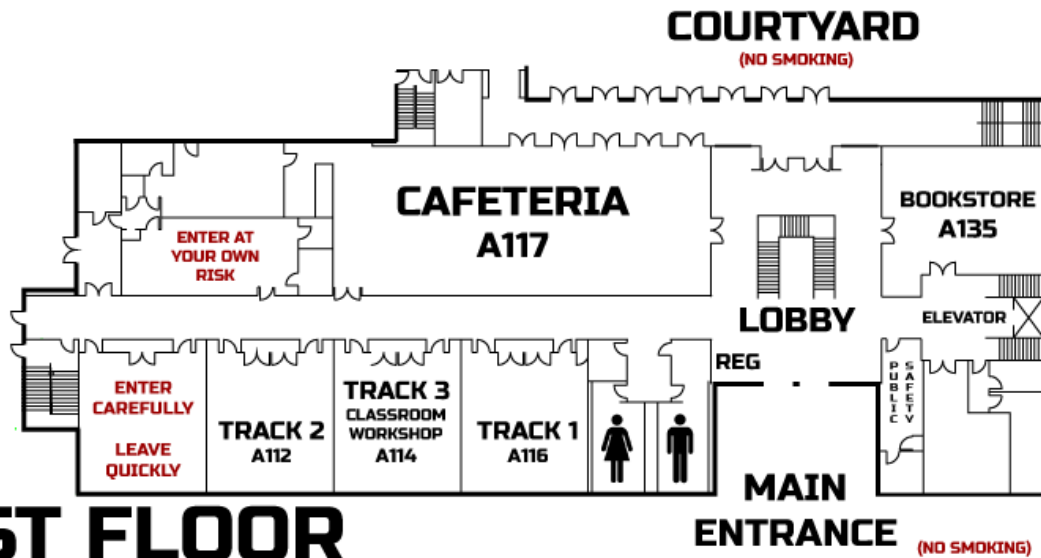|						
Short link to this page:	http://bit.ly/BSidesDE2021Schedule	Last major schedule change	11/13/2021 10:31:59	Color codes:		2024-8-9 20:09:47
CFP submit to fill an open spot or become a backup speaker	http://bit.ly/BDECFP21	If you printed it before, please note the schedule was last updated:	8/9/2024 20:09:47	SpawnCamp	BSideDE Google Calendar with talks!	https://bit.ly/BSidesDECalendar
Security BSides Delaware 2021 Steams Playlist: Day 1 Scheduled Nov 12, 2021, 8:45 AM Day 2 Scheduled Nov 13, 2021 8:50 AM	http://bit.ly/BSidesDE2021Streams				BSideDE Google Calendar with talks! Web view	https://bit.ly/BSidesDECal
Security BSides Delaware 2021 - Twitch	twitch.tv/BSidesDE	https://youtu.be/-mi8IZ9M79I	Current talk ^	1 Hour Talks		
The discussion is on Discord which is accessible via your Eventbrite registration email and the virtual event page in Eventbrite	http://bit.ly/BDEReg2021			Firetalks 15-30m		
				Classes/Villages/Events		

Friday / Scroll way down for Saturday!	Track 1 Discord (for Q&A) Recorded Streamed on YouTube and Twitch Interact with speakers: #track-1-chat-and-qa	Track 2 Discord (open a ticket if you want another track and have a talk to contribute) Will not be recorded, will have live audience in the voice channel	Track 3: Track 3: Class-Space (Discord room not setup for recording)	Spawn Camp Structured (Parents must be with their children) (room not setup for recording)	Spawn Camp Unstructured (Parents must be with their children) (room not setup for recording)	Forensics Village & Lockpick Village (not recorded) Hopefully returning next year	RF Hackers Sanctuary (event not recorded) #rf-hacker-sanctuary	Lobby	Speaker (un)ready room #Speaker-chat and Speaker Voice
8:00 AM	Walk-in Registration, Check-in for CPE, Get on Discord, Breakfast, Coffee, and Networking (share pictures!) See #announcements Day 1 Stream https://youtu.be/_ryjTi2TFKY			Hang out on Discord, organize impromptu things Hopefully returning next year to whatever the new normal is					
8:30 AM				#Spawn-General, #mine-craft, SpawnCamp Voice					
8:50 AM	Opening remarks			Last minute ideas welcome here: http://bit.ly/BDECFP21					
9:00 - 9:20am	Speaker: Dr. Nikki Robinson Presenting: Human Perception: The Missing Security Control					Last minute ideas welcome here: http://bit.ly/BDECFP21	https://rfhackers.com	RF Hackers Sanctuary	Free Radio Frequency Capture the Flag, hack wifi and sdr	Register at https://scoreboard.rfhackers.com	Virtual foxhunt live here: http://dfsim.net:8080/bsidesde/index.php	Hallway Con	
9:30 - 9:50am				minecraft.bsidesdelaware.com:60501 minecraft launcher: multiplayer > add server Server name (doesn't really matter) BSides 2021 Server Address: minecraft.bsidesdelaware.com:60501					
10:00 - 10:30am	Speaker: Rachana Vishwanathula Presenting: My container application has 100 vulnerabilities, now what?								
10:30 - 10:50am	Coffee & Networking break				Coffee & Networking break				
Friday 11:00 - 11:20am	Speaker: @reswob10 and @nfltr8 Presenting: Security Engineering != (Admin || Analyst || Responder)								
11:30 - 11:50am									
12:00 - 12:20pm	Lunch On your own, but we love pictures!								
12:30 - 12:50pm									
Friday 1:00 - 1:30pm	Speaker: Kenneth Geers Presenting: Can Cryptocurrency Replace the US Dollar?								
1:30 - 1:50pm									
2:00 - 2:30pm	Speaker: Ken Netzorg Presenting: Setting up an in-line Linux server in Azure for NIDS or packet capture								
2:20 - 2:50pm	Coffee & Networking break								
Friday 3:00 - 3:20pm	Speaker: Rob Slade Presenting: Homomorphic Encryption								
3:30 - 3:50pm									
4:00 - 4:20pm	Speaker: @securitysphynx and @niryoo Presenting: Hunt the Stank								
4:30 - 4:50pm									
Friday 5:00 - 5:20pm	Speaker: Thomas Capola, CEO of SYCCURE Presenting: Federated Trust								
5:30 - 5:50pm	Sponsor Raffles: (your company name could go here) Registration Raffle Friday Form submission deadline (Link is in Discord announcements channel)								
6:00 - 6:20pm									
6:30 - 6:50pm									
7:30-9:30	Share you dinner on Discord?								

Saturday	Track 1 Discord (for Q&A) Recorded Streamed on YouTube and Twitch	Track 2 Discord (open a ticket if you want another track and have a talk to contribute) Will not be recorded	Track 3: Class-Space (room not setup for recording unless no other recording is occuring)	Spawn Camp Structured (Parents must be with their children) (room not setup for recording)	Spawn Camp Unstructured (Parents must be with their children) (room not setup for recording)	Forensics Village & Lockpick Village (not recorded)	RF Hackers Sanctuary (event not recorded)	Lobby	Speaker (un)ready room #Speaker-chat and Speaker Voice
8:00:00	Walk-in Registration, Check-in for CPE, Get on Discord, Breakfast, Coffee, and Networking (share pictures!) See #announcements Day 2 Stream: https://youtu.be/-mi8IZ9M79I			Hang out on Discord, organize impromptu things Hopefully returning next year to whatever the new normal is					
8:30:00				#Spawn-General, #mine-craft, SpawnCamp Voice					
9:00 - 9:20am	Speaker: Kelly Ohlert @gwyddia Presenting: Fuzzbuts v. Fuzzbutts Red Team v. Blue Team Tabletop Game Takes place in Class-Space		Speaker: Kelly Ohlert @gwyddia Presenting: Fuzzbuts v. Fuzzbutts Red Team v. Blue Team Tabletop Game	Last minute ideas welcome here: http://bit.ly/BDECFP21			https://rfhackers.com	RF Hackers Sanctuary	Free Radio Frequency Capture the Flag, hack wifi and sdr	Register at https://scoreboard.rfhackers.com	Virtual foxhunt live here: http://dfsim.net:8080/bsidesde/index.php	Hallway Con	
9:30 - 9:50am				minecraft.bsidesdelaware.com:60501 minecraft launcher: multiplayer > add server Server name (doesn't really matter) BSides 2021 Server Address: minecraft.bsidesdelaware.com:60501					
10:00 - 10:20am		Coffee & Networking break							
10:30 - 10:50am									
Saturday 11:00 - 11:20am	Speaker: John Stoner @1MrStoner Presenting: Cybersecurity is exactly like soccer			Lunch	Lunch				
11:30 - 11:50am									
12:00 - 12:20pm	Lunch On your own, but we love pictures!					Lunch			
12:30 - 12:50pm									
Saturday 1:00 - 1:30pm	Speaker: Rob Slade Presenting: BCP and Privacy Lessons from CoVID-19								
1:30 - 1:50pm									
2:00 - 2:20pm	Speaker: Joshua Marpet Presenting: SBOM's and CBOM's - why bills of materials matter to hackers?								
2:30 - 2:50pm									
Saturday 3:00 - 3:20pm	Speaker: Debasis Mohanty @coffeensecurity Presenting: Software Security Engineering (Learnings from the past to fix the future)								
3:30 - 3:50pm									
4:00 - 4:20pm	Speaker: Ali Pabrai Presenting: CMMC Certification Readiness: Mitigating Cyber Risk		Class overflow						
4:30 - 4:50pm									
5:00 - 5:20pm	Closing: wCTF Winners annouced Other contests? Feedback/reflections Sponsor Raffles: TBD Books, Rare Tech,Other things?								

5:30 - 5:50pm	Registration Raffle Saturday Form submission deadline (Link is in Discord announcements channel)										
	Clean up/Inventory										
	Hoprefully we'll see you all next year! But either way the Discord will be around to network in between.										

Remember when we could all meet in person...yeah us too, hopefully in person next year

SECOND FLOOR

| INTERROGATION ROOM # 3 | CRITICAL SPACE | SPEAKER UNPREPAREDNESS A205 | DRIP COFFEE & CARBS | THIS CLASSROOM INTENTIONALLY LEFT EMPTY |

UPPER LOBBY

ELEVATOR

| TPS REPORT CONTROL ROOM A200 | SPAWN CAMP UN-STRUCTURED A202 | SPAWN CAMP STRUCTURED A204 | PROS vs JOES CTF A206 | LOCK PICK FORENSICS VILLAGE A208 | WIRELESS VILLAGE WCTF A210 | CHILLOUT SPACE A212 | ANYTHING DROPPED IS IN VIEW OF THE SECURITY DESK, SO ASK FIRST **FRONT** |

FIRST FLOOR

COURTYARD
(NO SMOKING)

ENTER AT YOUR OWN RISK

CAFETERIA A117

BOOKSTORE A135

LOBBY

ELEVATOR

REG

ENTER CAREFULLY

LEAVE QUICKLY

TRACK 2 A112

TRACK 3 CLASSROOM WORKSHOP A114

TRACK 1 A116

PUBLIC SAFETY

MAIN ENTRANCE (NO SMOKING)

MAUI WOWI HAWAIIAN COFFEES & SMOOTHIES

Saturday	Track 1 Discord (for Q&A) Recorded Streamed on YouTube and Twitch	Track 2 Discord (open a ticket if you want another track and have a talk to contribute) Will not be recorded	Track 3: Track 3: Class-Space (room not setup for recording)	Spawn Camp Structured (Parents must be with their children) (room not setup for recording)	Spawn Camp Unstructured (Parents must be with their children) (room not setup for recording)	Forensics Village & Lockpick Village (not recorded)	RF Hackers Sanctuary (event not recorded)	Lobby	Lobby	Speaker (un)ready room A201	Staff A200			
8:00:00	Walk-in Registration, Check-in for CPE, Get on Discord, Breakfast, Coffee, and Networking (share pictures!)			Hang out on Discord, organize impromptu things Hopefully returning next year to whatever the new normal is										
8:30:00	See #annoucements			#Spawn-General, #mine-craft, SpawnCamp Voice										
9:00 - 9:20am	Speaker: Kelly Ohlert @gwyddia Presenting: Fuzzbuts v. Fuzzbutts Red Team v. Blue Team Tabletop Game Takes place in Class-Space		Speaker: Kelly Ohlert @gwyddia Presenting: Fuzzbuts v. Fuzzbutts Red Team v. Blue Team Tabletop Game	Last minute ideas welcome here: http://bit.ly/BDECFP21 minecraft.bsidesdelaware.com:60501 that is what they need to put into the minecraft launcher: multiplayer > add server Server name (doesn't really matter) BSides 2021 Server Address: minecraft.bsidesdelaware.com:60501 And if you're on a device that requires a bedrock server, the details are as follows: Server Address: minecraft.bsidesdelaware.com:60502			https://rfhackers.com	RF Hackers Sanctuary	Free Radio Frequency Capture the Flag, hack wifi and sdr	Register at https://scoreboard.rfhackers.com	Virtual foxhunt live here: http://dfsim.net:8080/bsidesde/index.php	Hallway Con	Hallway Con				
9:30 - 9:50am		Coffee & Networking break												
10:00 - 10:20am														
10:30 - 10:50am														
Saturday 11:00 - 11:20am	Speaker: John Stoner @1MrStoner Presenting: Cybersecurity is exactly like soccer			Lunch	Lunch									
11:30 - 11:50am														
12:00 - 12:20pm	Lunch On your own, but we love pictures!					Lunch								
12:30 - 12:50pm														
Saturday 1:00 - 1:30pm	Speaker: Rob Slade Presenting: BCP and Privacy Lessons from CoVID-19													
1:30 - 1:50pm														
2:00 - 2:20pm	Speaker: Joshua Marpet Presenting: SBOM's and CBOM's - why bills of materials matter to hackers?													
2:30 - 2:50pm														
Saturday 3:00 - 3:20pm	Speaker: Debasis Mohanty @coffeensecurity Presenting: Software Security Engineering (Learnings from the past to fix the future)													
3:30 - 3:50pm														
4:00 - 4:20pm	Speaker: Ali Pabrai Presenting: CMMC Certification Readiness: Mitigating Cyber Risk		Class overflow											
4:30 - 4:50pm														
5:00 - 5:20pm	Closing: wCTF Winners annouced Other contests? Feedback/reflections Sponsor Raffles: TBD Books, Rare Tech,Other things?													
5:30 - 5:50pm	Registration Raffle Saturday Form submission deadline (Link is in Discord announcements channel)													
	Clean up/Inventory Hopefully we'll see you all next year! But either way the Discord will be around to network in between.													

Subject	Start Date	Start Time	End Date	End Time	Description	Location
Speaker: Dr. Nikki Robinson Presenting: Human Perception: The Missing Security Control	11/12/2021	9:00:00 AM	11/12/2021	9:50:00 AM	Abstract: This talk is centered around how perception, whether from users or security practitioners, affects the actual security and overall risk of an organization. We think about technical solutions, like software, applications, and new tools, or working on processes, like building an SSP or Incident Response plan, but not how our conversations and interactions with people affects the security of our systems. If I have a bad interaction with a security analyst, will that affect how I implement or think about security as a system owner? Let's talk about some scenarios where perception may affect the security posture of a network. Using psychological and behavioral analysis techniques can help us to secure our environments and have better and	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Rachana Vishwanathula Presenting: My container application has 100 vulnerabilities, now what?	11/12/2021	10:00:00 AM	11/12/2021	10:30:00 AM	Abstract: Enterprises are moving to a "shift-left" culture with security seamlessly embedded throughout the development life cycle. Enterprises are 'shifting-left' and incorporating security into every stage of the development life cycle of a project/product. This talk covers the challenges of securing containerized workloads, major risk areas, new threat vectors that containers introduce us to, best practices for container security, identifying cves, content trust and image signing and how to secure the application from the risks	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Coffee & Networking break	11/12/2021	10:30 AM	11/12/2021	10:50:00 AM	Check out the sponsors, other discord rooms, lobby con, take a bio break	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: @reswob10 and @n8r8 Presenting: Security Engineering != (Admin || Analyst || Responder)	11/12/2021	11:00:00 AM	11/12/2021	11:50:00 AM	Abstract: The field of Security Engineering has evolved as an essential function within the Information Security industry. Security Engineers are responsible for many aspects of protecting the enterprise; including designing of secure systems, supporting security operations, and protecting business platforms, data centers and now, the cloud. The nebulous role of Security Engineers is sometimes confused with system administrators, security analysts or even penetration testers. Yet the industry recognizes the need for Security Engineers with over 1000's of opportunities in the DMV region alone. This talk will address questions such as "What is a security engineer?", and "Aren't they the system administrators?". Reswob (reswob10) and Noon (n8r8) will	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Lunch	11/12/2021	12:00:00 PM	11/12/2021	1:00:00 PM	On your own, but we love pictures!	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Kenneth Geers Presenting: Can Cryptocurrency Replace the US Dollar?	11/12/2021	1:00:00 PM	11/12/2021	1:50:00 PM	Abstract: Cryptocurrency has the potential to revolutionize world finance and world politics. As a currency, however, crypto still has a lot to prove. Good money has three requirements: reliable medium of exchange, meaningful unit of account, and stable store of value. Computer coders and digital revolutionaries have only just begun. A key milestone will be whether cryptocurrency can replace the US Dollar as the world's reserve currency - a pillar of international relations since World War II. That is unlikely in the near term, but over the horizon, anything is possible. This talk offers a framework for understanding cryptocurrency's past, present, and future. It details the security challenges associated with cryptocurrency investment, dissecting numerous	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Coffee & Networking break	11/12/2021	2:00 PM	11/12/2021	2:20:00 PM	Check out the sponsors, other discord rooms, lobby con, take a bio break	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Ken Netzorg Presenting: Setting up an in-line Linux server in Azure for NIDS or packet capture	11/12/2021	2:00:00 PM	11/12/2021	2:30:00 PM	Abstract: Azure does not support a basic span or port forwarding option that allows for the continual monitoring or analysis of network traffic (unless you use vTAP in Preview, but currently on hold, and purchase services from a third party). Building and deploying an in-line linux server to act as a packet inspection appliance is straightforward and cost effective if you have some basic information. With a few basic deployment enhancements this can be done to support a high availability implementation. I have developed this talk because when I went through this process, I did not find any good end-to-end guides on how to put it all together. This basic setup can be further expanded upon to run Suricata, Zeek, or simple TCPDump.	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Rob Slade Presenting: Homomorphic Encryption	11/12/2021	3:00:00 PM	11/12/2021	3:50:00 PM	Abstract: How do you encrypt something, and still use it? Recently security operations has become very excited about homomorphic encryption. It seems to be the latest "magic" security technology that will solve all our problems, but I don't think we've really provided a good outline of what it is, and, particularly, what it can't do. This presentation will outline the basic concepts, note some specific forms and applications, and point out the various factors for use or consideration.	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: @securitysphynx and @niryoo Presenting: Hunt the Stank	11/12/2021	4:00:00 PM	11/12/2021	4:50:00 PM	Abstract: To be "secure" is more than "stopping bad behavior" or "keeping people out". Being secure today is about knowing bad behavior when you see it, stop missing false negative, be prepared when a supply chain attack impacts you, understand the limitations of modern EDR – they miss human attackers because humans look like humans, not malware signatures and realize that tool saturation, shadow IT, burnout, overworked admins… all of the above have created gaps. Your first and last defenses involve understanding BEHAVIOR and correlation. I've divided this un into two sections – part one I call the "boring basics" because that's generally how people	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Thomas Capola, CEO of SYCCURE Presenting: Federated Trust	11/12/2021	5:00:00 PM	11/12/2021	5:30:00 PM	Abstract: Why should we care as security professionals about federating trust across organizations? Modern business practices require data sharing in a zero trust environment. Using blockchain and federated identity, it is possible to safely share critical data across corporate boundaries without losing control of your intellectual property. How can we make that process safe and airtight? This will be a 20 minute talk with slides. Audience: Basic skill level, for both technical and business audience.	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Kelly Ohlert @gwyddia Presenting: Fuzzbutts v. Fuzzbutts Red Team v. Blue Team Tabletop Game	11/13/2021	9:00:00 AM	11/13/2021	11:00:00 AM	Abstract: I specialize in doing gamified tabletop exercises - D&D for IR. I'd like to run a game I've designed so that other people can see how great this is. This game, Fuzzbuts v. Fuzzbutts, pits a cat meme aggregator site against three separate red teams, each with their own agenda. The blue team gets three chances to harden their systems, and the red teams each get to make an attack. The scenario is resolved by a combination of GM adjudication, player wrangling, and good old fashion dice.	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: John Stoner @1MrStoner Presenting: Cybersecurity is exactly like soccer	11/13/2021	11:00:00 AM	11/13/2021	11:50:00 AM	Abstract: I propose that a lot of folks have trouble wrapping their head around all the problems in Cybersecurity, so I love bringing in some analogies. As a soccer fanatic, this talk seems natural to me. Are you a striker for Man City (A red teamer on a fortune 25)? Or are you a youth academy product (intern) playing for Bradford City (a small start-up)? Are you a specialist (wide speedy winger – Adama Traoré) or an all-around generalist (James Milner)? Are you Man City, and spend any amount for the right talent, or do you rely on your youth academy and train up the junior folks? Let's dive into the tackle and have some fun on the pitch, try not to get yellow carded!	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Lunch	11/13/2021	12:00:00 PM	11/13/2021	1:00:00 PM	On your own, but we love pictures!	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Rob Slade Presenting: BCP and Privacy Lessons from CoVID-19	11/13/2021	1:00:00 PM	11/13/2021	1:50:00 PM	Abstract: Important information security concepts which have been pointed out by the CoVID-19 pandemic crisis. Using the SARS-CoV-2/CoVID-19 pandemic as a giant case study, and structured by the domains of information security, this looks at business continuity, physical security, privacy, and applications security aspects of the crisis, pointing out specific security fundamentals where social, medical, or business response to the crisis failed, or needed to make specific use of those concepts. For the most part, these lessons are simply reminders of factors that net	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Joshua Marpet Presenting: SBOM's and CBOM's - why bills of materials matter to hackers?	11/13/2021	2:00:00 PM	11/13/2021	2:50:00 PM	Abstract: Bills of materials are fascinating, in that they can provide vulnerability information, component information, and compliance information. For red teams, it gives them ways to get in. For blue teams, it gives them a punch list of what to protect. What about for forensics, or compliance, or incident response? What do they get? Audience: Anyone interested in bills of materials and learning new reconnaissance methods	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Debasis Mohanty @coffeesecurity Presenting: Software Security Engineering (Learnings from the past to fix the future)	11/13/2021	3:00:00 PM	11/13/2021	3:50:00 PM	Abstract: Over the last 20 years, exponential growth in technology and technological advancement has led to a significant increase in an application or software attack surface. If these applications become part of an organisation's internal or external facing infrastructure, it inherently increases an organisation overall attack surface. Interestingly, most security bugs the industry has been dealing with these days have been around for at least two decades.	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule
Speaker: Ali Pabrai Presenting: CMMC Certification Readiness: Mitigating Cyber Risk	11/13/2021	4:00:00 PM	11/13/2021	4:50:00 PM	Abstract: Abstract The Department of Defense (DoD) standard, the Cybersecurity Maturity Model Certification (CMMC) is the future cyber standard now. CMMC is focused on the risk to the supply chain and how to effectively establish a cyber resilient program in an organization. While it directly impacts hundreds of thousands of suppliers to the DoD, you will find CMMC to provide value in enhancing your organization's cyber and compliance program especially in the areas of policies, procedures and associated capabilities. Every compliance professional as	Track 1 http://bit.ly/BSidesDE2021Streams https://www.twitch.tv/bsidesde Most up to date schedule: http://bit.ly/BSidesDE2021Schedule