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ConnectDev·17

ConnectDev'17								
Horaire du mercredi 31 mai 2017/ Wednesday, May 31, 2017 Schedule								
SALLE ROOM	Terrain de Jeu/ Field	Salle/Room 1	Salle/Room 2	Salle/Room 3	Salle/Room 4	Salle/Room 5	Salle/Room 6		Espace Pause/ Break
7h30 / 8h00 / 8h15 / 8h30	Déjeuner continental *Continental breakfast* 7h30-8h30								
8h45 / 9h00 / 9h15 / 9h30 / 9h45	Introduction (R. Breault) 8h45 / Making sense of Big data through Machine Learning (Hilary Mason) 9h00-10h00								
10h00 / 10h15	Pause/Break (30 min.)								
10h30 / 10h45 / 11h00 / 11h15 / 11h30 / 11h45		Your Project Behaves Like A Hurricane. Forecast It Like One. (Daniel Vacanti) 10h30 - 12h00	Microservices (Sam Newman) 10h30 - 12h00	À l'assaut de votre code "Legacy" patrimonial (F-A Bourbonnais/Pascal Roy) 10h30 - 12h00	How to measure anything: value of intangibles in business (Douglas W. Hubbard) 10h30 - 12h00	Deep Learning and Computer Vision (Chris Pal) 10h30 - 12h00	Dev Ops Case studies (Rob Sabourin) 10h30 - 12h00		
12h00 / 12h15 / 12h30 / 12h45 / 13h00 / 13h15	Diner *Lunch* 12h00-13h30								
13h30 / 13h45 / 14h00 / 14h15 / 14h30 / 14h45		How An Expedite Request Sunk The Titanic, and Other Advanced Kanban Topics (Daniel Vacanti) 13h30 - 15h00	How to think critically about data (Alistair Croll) 13h30 - 15h00	Taking your Shared Components to the Next Level (Etienne Tremblay) 13h30 - 15h00	How to measure anything: value of intangibles in business (Douglas W. Hubbard) 13h30 - 15h00	Technical Tradeoffs of IoT Platforms (Michael Anderson) 13h30 - 15h00	Dev Ops Case studies (Rob Sabourin) 13h30 - 15h00		
15h00 / 15h15	Pause/ Break (30 min.)								
15h30 / 15h45 / 16h00 / 16h15 / 16h30 / 16h45		Microservices (Sam Newman) 15h30 - 17h00	Lean Analytics (Alistair Croll) 15h30 - 17h00	Testing your legacy code (F-A Bourbonnais/Pascal Roy) 15h30 - 17h00	Mobile Development using Xamarin (Basic) (Arthur Axelrad) 15h30 - 17h00	Event sourcing and CQRS (Greg Young) 15h30 - 17h00	Practices for software correctness (David R. MacIver) 15h30 - 17h00		
17h00 / 17h15 / 17h30 / 17h45 / 18h00 / 20h00								

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	ConnectDev'17 Horaire du jeudi 1juin 2017/ Thursday, June 1, 2017 Schedule							
SALLE ROOM	Terrain de Jeu/ Field	Salle/Room 1	Salle/Room 2	Salle/Room 3	Salle/Room 4	Salle/Room 5	Salle/Room 6	Espace Pause/ Break
7h30								
8h00 8h15 8h30 8h45		Déjeuner continental Continental breakfast 8h00 - 9h00						
9h00	Introduction (R. Breault)							
9h15 9h30 9h45 10h00 10h15	Understanding the Role of Connected Devices in Recent Cyber Attacks (Bruce Schneier) 9h15-10h30							
10h30 10h45		Pause/Break (30 min.)						
11h00 11h15 11h30 11h45 12h00 12h15		Technical Tradeoffs of IoT Platforms (Michael Anderson) 11h00 - 12h30	How to measure anything: value of intangibles in business (Douglas W. Hubbard) 11h00 - 12h30	À l'assaut de votre code "Legacy" patrimonial (F-A Bourbonnais/Pascal Roy) 11h00 - 12h30	Mobile Development using Xamarin (Basic) (Arthur Axelrad) 11h00 - 12h30	Event sourcing and CQRS (Greg Young) 11h00 - 12h30	Your Project Behaves Like A Hurricane. Forecast It Like One. (Daniel Vacanti) 11h00 - 12h30	
12h30 12h45 13h00 13h15 13h30 13h45		Diner Lunch 12h30-14h00						
14h00 14h15 14h30 14h45 15h00 15h15		Welcome to the future, Windows Containers (Etienne Tremblay) 14h00 - 15h30	Microservices (Sam Newman) 14h00 - 15h30	How to think critically about data (Alistair Croll) 14h00 - 15h30	Discussion on Cybersecurity (Bruce Schneier) 14h00 - 15h00	Practices for software correctness (David R. MacIver) 14h00 - 15h30	How An Expedite Request Sunk The Titanic, and Other Advanced Kanban Topics 14h00 - 15h30	
15h30 15h45		Pause/Break (30 min.)						
16h00 16h15 16h30 16h45 17h00 17h15		Technical Tradeoffs of IoT Platforms (Michael Anderson) 16h00 - 17h30	Microservices (Sam Newman) 16h00 - 17h30	Lean Analytics (Alistair Croll) 16h00 - 17h30	Mobile Development using Xamarin (Basic) (Arthur Axelrad) 16h00 - 17h30	Deep Learning and Computer Vision (Chris Pal) 16h00 - 17h30	Event sourcing and CQRS (Greg Young) 16h00 - 17h30	
17h30 17h45 18h00		Cocktail 17h30 - 19h						
19h00	Hackathon 19h00 - 24h00 (Aire de Jeu en tout temps)		Discours d'ouverture- Explication des réglements 19h00-19h30					
19h30 20h00 21h00			Service souper- Station disponible de 19h30 à 21h					
22h00 23h00 00h00			Collations Nocturnes Disponible à partir de 22h00					

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Horaire du vendredi 2 juin 2017/ Friday, June 2, 2017 Schedule

SALLE ROOM	Terrain de Jeu/ Field
24h00	Hackathon
1h00	
2h00	
3h00	(Collations et breuvages disponible en tout temps)
4h00	
5h00	
6h00	
7h00	**Déjeuner continental**
8h00	*Continental breakfast*
9h00	**7h00 - 9h00**
10h00	Hackathon
11h00	(Collations et breuvages disponible en tout temps)
12h00	**Diner**
13h00	**Lunch**
13h30	**12h00-13h30**
14h00	Hackathon
15h00	
16h00	(Collations et breuvages disponible en tout temps)
17h00	**Fin du Hackathon-Présentation-Cocktail-Remise des prix**
20h00	**17h00-20h00**

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ConnectDev'17 Horaire du Ssamedi 3 juin / Saturday, June 3 Schedule	
SALLE ROOM	**Quebec/St-Laurent/Sherbrooke meeting rooms at Genetec Montreal - Bld 1**
9h00	Mobile Development using Xamarin - ADVANCED 9h00 - 12h00
9h30	
10h00	
10h30	
11h00	
11h30	
12h00	

Key Note Session (Mandatory)	Speaker	Session Description
Understanding the Role of Connected Devices in Recent Cyber Attacks"	Bruce Schneier	A look at Bruce Schneier's testimony before two U.S. House of Representatives subcommittees at a joint hearing on "Understanding the Role of Connected Devices in Recent Cyber Attacks," in November, 2016. The hearing was in response to the unprecedented distribution denial of service (DDos) on October 21, 2016 which saw consumer websites such as Netflix, Twitter and CNN as well as others go down following a botnet attack directed from malware in millions of American devices.
Making Sense of Big Data Through Machine Learning	Hilary Mason	This talk will review the evolution of big data technologies; explore why this shift is happening now; and discuss how it is likely to change in the near future. Mason will share stories of big data and analytics done well by different types of organizations. She will also explain practical tools and techniques attendees can consider when thinking about how to use their data.

Session Title	Speaker	Session Description
Microservices	Sam Newman	This talk is distillation of what makes microservices different from normal services. While this talk can serve as an introduction to microservices the real goal is to help tease out the key areas of what is a very broad topic.
À l'assaut de votre code "Legacy" patrimonial / Testing your legacy code	Félix-Antoine Bourbonnais and Pascal Roy	Beaucoup d'entreprises sont aux prises avec une importante base de code patrimoniale (legacy). Elles le savent, mais ont peur de s'y attaquer, car elles se sont brûlées avec du "refactoring" qui n'en finissait plus. Des tests unitaires pourraient aider, mais comment faire dans un patrimoine? Voyez comment les tests de "caractérisation" peuvent s'attaquer au cercle vicieux de la dette technique!

Many companies are struggling with a significant legacy code base. They know it but are afraid of attacking the issue because they've been burned before with never-ending refactoring. Unit tests can help, but how do you handle the legacy code? This session will look at how "characterization" tests can tackle the vicious cycle of technical debt! |

Session Title	Speaker	Session Description
How to measure anything: finding the value of intangibles in business.	Douglas W. Hubbard	The premise of this session is that anything can be measured. In fact, the chances are good that some part of your life or your professional responsibilities is greatly harmed by a lack of measurement – by you, your firm, or even your government. Regardless of your role in business, understanding the power of measurement will make you, those around you, and your organization more efficient and productive.
Discussion on Cybersecurity	Bruce Schneier	Join Bruce for a deeper discussion on cybersecurity.
How to think critically about data	Alistair Croll	Join Lean Analytics author, Harvard lecturer, and Strata chair Alistair Croll for a look at how to think critically about data, based on his Harvard Business School course.
Lean analytics	Alistair Croll	The core idea behind Lean Analytics is this: by knowing the kind of business you are, and the stage you're at, you can track and optimize the one metric that matters the most right now. This session will look at how you can gain a comprehensive view of online presence, web performance, and monitoring using lean analytics.
Your Project Behaves Like A Hurricane. Forecast It Like One.	Daniel Vacanti	Do your projects seemingly spin up out of nowhere, strike when least expected, and leave a trail of destruction in their wake? Though the butt of many jokes, weather forecasting—and in particular hurricane forecasting—has gotten surprisingly good over the past few decades. This increased accuracy is mainly due to the rigorous application of proven techniques like Monte Carlo Simulation and Continuous Forecasting. In this talk we will explore some of those practices and discuss how you might employ them to make your projects more predictable. We will walk through some real-world examples that will explain how to get you up and running with methods immediately. You wouldn't want a little thing like bad forecasting get in the way of you delivering your projects on time, would you?

Session Title	Speaker	Session Description
How An Expedite Request Sunk The Titanic, and Other Advanced Kanban Topics	Daniel Vacanti	Most people know that RMS Titanic was a British passenger ship that struck an iceberg and sank in the North Atlantic on the morning of April 15, 1912 resulting in the loss of over 1,500 lives. What most people don't know, however, is that during the final stages of construction of Titanic, an expedite request caused a delay in completion and triggered a chain of events that directly led to the sinking of the ill-fated vessel. If this sounds all too familiar, that's because delays due to expedite requests are sinking your process as well. This talk will be an exploration of how disruptive interrupt requests—like expedites—can be to the normal flow of development work. Most people see these interrupts as innocuous, status quo, or even a necessary part of the product development process. Few people realize how negatively impactful these disruptions can be. In fact, for most teams, these interrupts are the number one cause for unpredictability. Using the Titanic disaster as a backdrop, this presentation will look at the negative consequences of expedite work. It will explore objective data from real teams that demonstrates how expedites actually make things take more time—not less—to complete. Chances are you have always intuitively known that interrupts are what makes your process unpredictable. This talk will give you to tools you need to quantify that impact and give you strategies on how minimize their negative effects.
Practices for software correctness	David R. MacIver	Software is correct if it performs as per the formal and informal requirements provided. Software development requires analysis and testing to ensure it meets certain correctness properties. David will discuss both formal and informal practices and tools to guide you through all of these aspects, and more.
Event sourcing and CQRS	Greg Young	Event sourcing is an architectural pattern that can increase scalability, security, and velocity when implementing new features by considering domain events as a core concept. It also has a positive impact on testability and encourages modeling using pure functions, and pure data. Greg will discuss the pros and cons of various aspects of building and integrating such solutions.
Taking your Shared Components to the Next Level	Etienne Tremblay	If you struggle with common components and how to manage them, join Etienne in this session to learn how to create a common component, build both debug and release versions, package it with NuGet, and discuss the best ways to manage multiple version with multiple feeds.

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Session Title	Speaker	Session Description
Welcome to the future, Windows Containers	Etienne Tremblay	You've heard about Docker, Windows Nano, Windows Containers, Windows Hyper-V containers. Etienne will discuss all of them in this session and also help you understand how to differentiate between them. He'll also show you how to create a web site, package it, create a container, deploy the web site in the container and package the container into an image for reuse – all in 90 minutes! This is the future folks. Join Etienne to learn about it.
Mobile Development using Xamarin - Basic	Arthur Axelrad	Mobile development using Xamarin - basic training overview
Mobile Development using Xamarin - Advanced (course on Saturday)	Arthur Axelrad	Mobile development using Xamarin - Advanced training session