

PRE-CON WORKSHOP 1	PRE-CON WORKSHOP 2	PRE-CON WORKSHOP 3	PRE-CON WORKSHOP 4	PRE-CON WORKSHOP 5	PRE-CON WORKSHOP 6	PRE-CON WORKSHOP 7	PRE-CON WORKSHOP 8	PRE-CON WORKSHOP 9
Software architecture fundamentals	Programming like your life depends on it: a reliability masterclass	Async programming with .NET	Kubernetes working for you	Building evolutionary architectures – hands-on	A day of Azure	Dive deep into your domain with Domain Storytelling	SOA done right - with examples in ASP.NET Core & NServiceBus	Righting software – a method for system & project design
Mark Richards	Jules May	Andy Clymer & Richard Blewett	Jonathan Johnson	Neal Ford	Jeff Prorise	Stefan Hofer & Isabella Tran	Jimmy Bogard	Juval Löwy

**All pre-conference workshops run from 09.30 – 17.30, with mid-morning, lunch, and mid-afternoon breaks**

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7	TRACK 8
09.30	<b>KEYNOTE</b> Quantum supremacy: what's in it for me? Jules May							
11.00	<b>COFFEE BREAK</b>							
11.30	<b>I'll get back to you: task, await, &amp; asynchronous methods in C#</b> Jeremy Clark	<b>Keep calm and put it on Azure</b> Kim van Wilgen	<b>Do or don't. There's no try. Or is there? The power of monads explained. Sort of.</b> Sander Hoogendoorn	<b>Getting started with React</b> Oliver Sturm	<b>What is a Microservice?</b> Allen Holub	<b>Continuous integration and delivery for databases</b> Jimmy Bogard	<b>Software architecture foundations: styles, patterns &amp; trade-offs</b> Neal Ford	<b>Qualities of a highly effective architect</b> Venkat Subramaniam
13.00	<b>LUNCH BREAK</b>							
14.00	<b>Ten OO design patterns every developer should know – in 90 minutes</b> Andrew Clymer & Richard Blewett	<b>OpenID Connect &amp; OAuth 2.0 – security best practices</b> Dominick Baier	<b>Closures: the next great development in software technology</b> Jules May	<b>Rediscovering JavaScript</b> Venkat Subramaniam	<b>Microservices migration patterns</b> Mark Richards	<b>Code analysis &amp; team culture</b> Jonathan Johnson	<b>Software architecture foundations: identifying characteristics</b> Neal Ford	<b>Visualising software architecture with the C4 model</b> Simon Brown
15.30	<b>COFFEE BREAK</b>							
16.00	<b>Getting func-y – delegates in .NET</b> Jeremy Clark	<b>Fundamentals of Machine Learning</b> Jeff Prosisie	<b>Continuous security</b> Kim van Wilgen	<b>Building serverless data APIs</b> Julie Lerman	<b>Choreographing Microservices</b> Allen Holub	<b>Controlling wildfires while only getting singed</b> Jessica White	<b>Actors – the past and future of software engineering</b> Juval Lowy	<b>Towards an evolutionary architecture</b> Venkat Subramaniam
17.30	<b>DRINKS RECEPTION</b>							

	TRACK 1	TRACK 2	TRACK 3	TRACK 4	TRACK 5	TRACK 6	TRACK 7	TRACK 8
09.30	<b>What's new in async for .NET Core</b> Andrew Clymer & Richard Blewett	<b>Fundamentals of Deep Learning</b> Jeff Prosisie	<b>Naming is hard: let's do better</b> Kate Gregory	<b>The final line of defence: browser security headers</b> Christian Wenz	<b>Practical event storming</b> Allen Holub	<b>Essential architecture practices</b> Mark Richards	<b>Git scenarios: how do I fix that?</b> Rob Richardson	<b>How people learn</b> Kim van Wilgen
11.00	<b>COFFEE BREAK</b>							
11.30	<b>Diving deeper into dependency injection</b> Jeremy Clark	<b>OpenID Connect &amp; OAuth 2.0 – tips from the trenches</b> Dominick Baier	<b>From clever code to better code</b> Dror Helper	<b>Getting started with ASP.NET Core 3.x</b> Phil Japikse	<b>Building a Microservices architecture in small steps</b> Sander Hoogendoorn	<b>Reactive Systems</b> Dave Farley	<b>How to rock remote working</b> Sven Peters	<b>Zen of architecture</b> Juval Lowy
13.00	<b>LUNCH BREAK</b>							
14.00	<b>Security features to consider in .NET Core</b> Cecilia Wiren	<b>Practical AI for software developers</b> Jeff Prosisie	<b>Dark patterns: responsible software design in the age of moving fast and breaking things</b> Joe Natoli	<b>Moving to ASP.NET Core 3.x from ASP.NET</b> Phil Japikse	<b>Understanding Kubernetes: fundamentals</b> Jonathan Johnson	<b>Messaging with metaphors</b> Jimmy Bogard	<b>Dev and test agility for your database with Docker</b> Julie Lerman	<b>Software project design</b> Juval Lowy
15.30	<b>COFFEE BREAK</b>							
16.00	<b>Kotlin for .NET developers</b> Hadi Hariri	<b>Moving to Entity Framework Core 3.x</b> Phil Japikse	<b>Stop blaming your users for bad passwords</b> Scott Brady	<b>Hidden treasures: browser APIs</b> Christian Wenz	<b>Effective Microservice communication &amp; conversation patterns</b> Jimmy Bogard	<b>Securing Docker containers: Kubernetes just fixes that, right?</b> Rob Richardson	<b>Design patterns in dynamic &amp; functional languages</b> Neal Ford	<b>Leading and guiding development teams</b> Mark Richards
17.30	<b>SESSIONS END</b>							

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09.30	<b>Machine Learning for C# lovers: building sophisticated ML models with ML.NET</b> Jeff Prosisie	<b>Unit testing patterns for concurrent code</b> Dror Helper	<b>Twelve ways to make your code suck less</b> Venkat Subramaniam	<b>Versioning ASP.NET Core APIs</b> Phil Japikse	<b>The rise and fall of Microservices</b> Mark Richards	<b>CQRS and event sourcing</b> Oliver Sturm	<b>Add security into your Agile process</b> Cecilia Wiren	<b>Automating architecture governance</b> Neal Ford
11.00	<b>COFFEE BREAK</b>							
11.30	<b>Run faster: parallel programming in C#</b> Jeremy Clark	<b>Get Kata</b> Kevlin Henney	<b>The death of data: retention, rot, and risk</b> Heidi Waterhouse	<b>Supporting an old-fashioned AngularJS app in a modern TypeScript world</b> Jennifer Wadella	<b>Choosing from the many ways to Docker in Azure</b> Rob Richardson	<b>Adopting Domain Driven Design at scale – combating near enemies</b> Andrew Harmel-Law & Gayathri Thiyagarajan	<b>Patterns of software architecture</b> Allen Holub	<b>Restructuring &amp; migrating architectures</b> Neal Ford
13.00	<b>LUNCH BREAK</b>							
14.00	<b>What's new in C# interfaces (and how to use them effectively)</b> Jeremy Clark	<b>Core software design principles for developers</b> Venkat Subramaniam	<b>What do you want from me? Figuring out what users really need, want, &amp; will actually use</b> Joe Natoli	<b>JavaScript – the grumpy parts</b> Rob Richardson	<b>GraphQL and Microservices</b> Oliver Sturm	<b>Demystifying micro-frontends</b> Luca Mezzalira	<b>DbC (Design by Coding): applying TDD principles to architecture</b> Allen Holub	<b>Patterns of event-driven architecture</b> Mark Richards
15.30	<b>COFFEE BREAK</b>							
16.00	<b>Version control for data</b> Jules May	<b>Emotional code</b> Kate Gregory	<b>Leadership without a paycheck</b> Jennifer Wadella	<b>Experience report: bringing DDD to a big corporation</b> Julie Lerman	<b>Building reliable systems with Polly</b> Andrew Clymer	<b>The effective developer - work smarter, not harder</b> Sven Peters	<b>The lost art of software design</b> Simon Brown	<b>Lambda? You keep using that letter</b> Kevlin Henney
16.50				<b>Tech for good</b> James Crowley	<b>Parallel loops</b> Andrew Clymer	<b>Surviving a security audit of your ASP.NET site</b> Christian Wenz	<b>The model-code gap</b> Simon Brown	<b>Y2K and other disappointing disasters: risk reduction and harm mitigation</b> Heidi Waterhouse

POST-CON WORKSHOP 1	POST-CON WORKSHOP 2	POST-CON WORKSHOP 3	POST-CON WORKSHOP 4	POST-CON WORKSHOP 5	POST-CON WORKSHOP 6	POST-CON WORKSHOP 7	POST-CON WORKSHOP 8	POST-CON WORKSHOP 9
Software architecture: the hard parts	Developing React applications	Practical Microservices	Compassionate refactoring	Advanced deployment pipeline techniques	EventStorming for Domain-Driven Design modelling	Machine Learning for .NET developers with ML.NET	A modular development process	Hello, quantum world!
Neal Ford & Mark Richards	Oliver Sturm	Allen Holub	Clare Sudbery	Dave Farley	Kenny Bass-Schwegler & Joao Rosa	Dino Esposito	Juval Löwy	Jules May

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