

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
SOA done right - with examples in ASP.NET Core & NServiceBus	A day of Azure	Programming ASP.NET Blazor	Practical Microservices	One-day introduction to Agile	Zen of architecture	Modernising .NET monoliths with Docker on Windows	Building evolutionary architectures	Solid async in .NET
Jimmy Bogard	Jeff Prosis	Dino Esposito	Allen Holub	Allan Kelly	Juval Löwy	Elton Stoneman	Neal Ford	Andy Clymer & Richard Blewett

**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> Flow: the worst software development approach in history Sander Hoogendoorn & Kim van Wilgen							
11.00	<b>COFFEE BREAK</b>							
11.30	<b>Getting started with .NET Core</b> Jeremy Clark	<b>Why containers will take over the world</b> Elton Stoneman	<b>.NET in the browser with Blazor: how, and why?</b> Christian Wenz	<b>Write better JavaScript with unit testing</b> James Bender	<b>Quality, legacy and entropy in code</b> Kevlin Henney & Kathleen Dollard	<b>Choosing the right architecture pattern</b> Mark Richards	<b>Agile failures: stories from the trenches</b> Phil Japikse	<b>Fundamentals of Machine Learning</b> Jeff Prorise
13.00	<b>LUNCH BREAK</b>							
14.00	<b>GC: how it works</b> Andy Clymer & Richard Blewett	<b>Modernising legacy .NET apps with Docker - revisited</b> Elton Stoneman	<b>Fixing enterprise product design: UX lessons from start-ups</b> Joe Natoli	<b>Building clients for OpenID Connect/OAuth2 based systems</b> Dominick Baier	<b>Stories every developer should know</b> Neal Ford	<b>How micro-teams change the way we collaborate. Again. Introducing the next evolution of autonomous collaboration</b> Sander Hoogendoorn	<b>What is a Microservice?</b> Allen Holub	<b>Big Data and the Hadoop ecosystem</b> Andy Olsen
15.30	<b>COFFEE BREAK</b>							
16.00	<b>AI for C# developers: introducing ML.NET</b> Jeff Prorise	<b>From SQL to Azure Cosmos DB</b> Jimmy Bogard	<b>ASP.NET Core for mere mortals</b> Phil Japikse	<b>I promise to give you a callback if you'll just await: working with asynchronous JavaScript</b> James Bender	<b>#NoEstimates in depth</b> Allen Holub	<b>Domain-driven serverless design</b> Matt Stine	<b>Post-agile development</b> Jules May	<b>The top architecture practices of highly successful companies</b> Mark Richards
17.30	<b>DRINKS RECEPTION</b>							

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09.30	<b>Debugging and light profiling</b> Kathleen Dollard	<b>Programming language complexity</b> Jon Skeet	<b>Versioning APIs with ASP.NET Core</b> Phil Japikse	<b>Learning web application security from failures: what went wrong here?</b> Christian Wenz	<b>Making sense of architectural coupling with Connascence</b> Matt Stine	<b>Incremental architecture</b> Allen Holub	<b>DDD at the heart of your micro landscape: delivering on Microservices promises</b> Sander Hoogendoorn	<b>Fundamentals of Deep Learning</b> Jeff Prorise
11.00	<b>COFFEE BREAK</b>							
11.30	<b>Practical reflection in .NET</b> Jeremy Clark	<b>Introduction to Railway oriented programming</b> Ed Courtenay	<b>Securing web applications and APIs with ASP.NET Core 2.2 and 3.0</b> Dominick Baier	<b>Reactive programming with RxJS</b> Kevin Jones	<b>The architect</b> Juval Löwy	<b>Vertical slice architecture</b> Jimmy Bogard	<b>Analysing software architecture</b> Mark Richards	<b>DbC (Design by Coding): applying TDD principles to architecture</b> Allen Holub
13.00	<b>LUNCH BREAK</b>							
14.00	<b>Functional techniques for C#</b> Kathleen Dollard	<b>Entity Framework Core 2 for mere mortals</b> Phil Japikse	<b>ASP.NET Core and TDD</b> Andy Olsen	<b>Building REST API of your dreams</b> James Bender	<b>The fantastic four: coding patterns of continuous delivery</b> Luca Minudel	<b>Building evolutionary architectures: architectural fitness functions</b> Neal Ford	<b>The rise and fall of Microservices architecture</b> Mark Richards	<b>Agility ≠ speed</b> Kevlin Henney
15.30	<b>COFFEE BREAK</b>							
16.00	<b>DI why? Getting a grip on dependency injection</b> Jeremy Clark	<b>Ten OO design patterns every developer should know – in 90 minutes</b> Andy Clymer & Richard Blewett	<b>Introduction to VueJS for ASP.NET developers</b> Dino Esposito	<b>The end of cross-site scripting (and more): content security policy</b> Christian Wenz	<b>Continuously delivering continuous delivery</b> Kim van Wilgen	<b>Building evolutionary architectures: restructuring architectures</b> Neal Ford	<b>A pragmatic guide for migrating to Microservices</b> Zhamak Dehghani	<b>Zen of architecture</b> Juval Löwy
17.30	<b>SESSIONS END</b>							

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09.30	<b>LINQ: how it works</b> Andy Clymer	<b>Make your custom .NET GC – “whys” and “hows”</b> Konrad Kokosa	<b>UI design crash course for software developers</b> Joe Natoli	<b>A functional primer - part 1</b> Kevlin Henney	<b>Guide refactorings with Behavioural Code Analysis</b> Adam Tornhill	<b>Microservice swarms: decentralised discovery and scaling with message-based Microservices</b> Allen Holub	<b>Demystifying Blockchain: a developer’s view of how it works</b> Stephen Haunts	<b>Actors – the past and future of software engineering</b> Juval Löwy
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>DevOps for the SQL Server database</b> Brian Randell	<b>In retrospect: Web Forms and Web Frontends</b> Dino Esposito	<b>A functional primer - part 2</b> Kevlin Henney	<b>Contemporary web application architecture: the whole stack</b> Allen Holub	<b>Space-based Microservices</b> Mark Richards	<b>Architecture: the hard parts</b> Neal Ford	<b>Software project design</b> Juval Löwy
13.00	<b>LUNCH BREAK</b>							
14.00	<b>IEnumerable, ISaveable, IDontGetIt: understanding .NET interfaces</b> Jeremy Clark	<b>DevOps on Azure with Docker, K8s, and Azure DevOps</b> Brian Randell	<b>Dark Patterns: responsible software design in the age of moving fast &amp; breaking things</b> Joe Natoli	<b>Redistributing the distributed architecture: trust, traffic, and APIs</b> Zhamak Dehghani	<b>Event sourcing and CQRS with Apache Kafka and friends</b> Matt Stine	<b>Architect Blockchain applications as Microservices</b> Stefano Tempesta	<b>Patterns of software architecture</b> Allen Holub	<b>Advanced techniques in software project design</b> Juval Löwy
15.30	<b>COFFEE BREAK</b>							
16.00	<b>Building reliable systems with Polly</b> Andy Clymer	<b>Version control for data</b> Jules May	<b>A brief history of asynchronous JavaScript</b> Tom Wey	<b>What’s new in web application security?</b> Christian Wenz	<b>What do you do with 30 years of mistakes?</b> Kathleen Dollard	<b>In retrospect: is your code still a crime scene?</b> Adam Tornhill	<b>Evolution from #NoProjects to Continuous Digital</b> Allan Kelly	<b>Lean code</b> Kevlin Henney
16.50	<b>Parallel loops</b> Andy Clymer	<b>Event Sourcing - the Cinderella database paradigm</b> Jules May	<b>Can designers &amp; developers co-exist peacefully?</b> Laurie Young & Luke Mitchell	<b>Razor pages: all you need to know in 40 minutes</b> Christian Wenz	<b>Leaving passwords behind</b> Scott Brady	<b>Angular bells &amp; whistles</b> Andy Olsen	<b>Requirements - whose job are they anyway?</b> Allan Kelly	

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	Hands-on lab: develop an ASP.NET Core & EF Core app in a day	Azure DevOps: any app, any platform, any code	I will make you a better C# programmer – 2019 edition	Incremental architecture hands-on: design by coding, event storming, & mob programming	Domain-Driven Design & event-driven Microservices	AI for (preferably .NET) dummies	Microservices-oriented development process	Code as a crime scene: fix technical debt with behavioural code analysis
Neal Ford & Mark Richards	Phil Japikse	Brian Randell	Kathleen Dollard	Allen Holub	Matt Stine	Dino Esposito	Juval Löwy	Adam Tornhill

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