

ROOM 1

ROOM 2

ROOM 3

9:00 – 19:00

Registration

10:00 – 10:30

Conference opening

10:30 – 11:30



Platform Wars

RU

**Kirill Skrygan, JetBrains**

#trends #future

11:30 – 12:00

Break

12:00 – 13:00



Asynchronous streams

EN

**Stephen Cleary, Faithlife**

#rx #internals #lang



Code Review – the art of development

RU

**Roman Prosin, Raiffeisenbank**

#qa #bestpractices



Hot Chocolate: An introduction to GraphQL on ASP.Net Core

EN

**Michael Staib, ChilliCream**

#trends #guide #api

12:30 – 14:00

Lunch

14:00 – 15:00



Splendour and misery of the domain model

RU

**Maxim Arshinov, HighTech Group**

#ddd #architecture #tips



Machine learning for C# developers: Introducing ML.NET

EN

**Jeff Prosize, Wintellect**

#trends #ai



Beating CoreCLR's own C++ code with CoreCLR 3.0 intrinsics

EN

**Dan Shechter, Eagle Labs**

#avx #performance #internals

14:30 – 16:00

Lunch

16:00 – 17:00



What you need to know about .NET Core 3.0 and beyond

EN

**Jon Galloway, Microsoft**

#trends #lang



Pragmatic memory management

RU

**Anatoly Zhmur, Broadridge**

#performance #gc #internals



Roslyn: Mastership of state analysis

RU

**Vladimir Panchenko, Acumatica**

#qa #ci #bestpractices

17:00 – 17:30

Break

17:30 – 18:30



.NET: Treating the dependences

RU

**Evgeny Peshkov, JetBrains**

#build #internals #tips



The Turkish gambit. Business application in half an hour

RU

**Alexey Merson, Intermedia**

#guide #architecture #framework



Bring your ASP.NET Core solutions to Kubernetes in Azure

EN

**Marco De Sanctis, Freelance**

#DevOps #trends #containers

18:30 – 19:00

Break

19:00 – 20:00

RU

Fantastic biotechnologies and where to find them

**Alexander Panchin**

#keynote

20:00 – 23:00

Party

20:30 – 22:30

Room 1

EN

BOF session: "Future of .NET"

Discussion zone №1

RU

BOF session: ".NET Core"

Room 3

EN

BOF session: "Performance"

Talk's complexity



Introduction to technology



For practicing engineers

Legend



Hardcore

Talk's language RU EN

## ROOM 1

## ROOM 2

## ROOM 3

## Legend

Talk's complexity



Talk's language RU EN

9:30 – 19:00 Registration

10:30 – 11:30



Everything .NET developer wanted to find out about deep learning, but was afraid to ask

**Dmitry Soshnikov, Microsoft**  
#ml #trends #deep #f#



From ETW to EventPipe: dig into .NET monitoring pipelines for healthier applications

**Christophe Nasarre-Soulier, Criteo**  
#performance #internals #metrics



Create your own serverless PKI with .NET & Azure Key Vault  
**Eran Stiller, CodeValue**  
#security #bestpractices #iot

11:30 – 12:00 Break

12:00 – 13:00



.NET 5: runtimes  
**Egor Bogatov, Microsoft**  
#future #llvm #internals



Mutation analysis  
**Nikolay Molchanov, JUG Ru Group**  
#qa #bestpractices



The debugging mindset  
**Kevin Gosse, Criteo**  
#windbg #internals #tips

12:30 – 14:00 Lunch

14:00 – 15:00



Metaprogramming for the masses  
**Federico Lois, Corvalius**  
#performance #jit #internals



Nullable reference types — advanced guide  
**Andrey Dyatlov, JetBrains**  
#future #internals #bestpractices



How to collect the entire database into a file and why we use the Akka.NET Streams library  
**Konstantin Zhitnik, ePayments Technologies**  
#architecture #tips

14:30 – 16:00 Lunch

16:00 – 17:00



An in-depth look at the new features in C# 8.0 and .NET Core 3.0  
**Raffaele Rialdi, Vevy Europe**  
#trends #internals #lang



Introduction to Event sourcing  
**Jacob Povar, Positive Technologies**  
#architecture #tips



Daily performance pitfalls  
**Łukasz Pyrzyk, Sonova**  
#pain #performance #internals

17:00 – 17:30 Break

17:30 – 18:30



Writing a .NET Core cross platform profiler in an hour  
**Pavel Yosifovich, Author of the "Windows Internals" book**  
#profiling #internals



Distributed tracing in .NET  
**Egor Grishechko, Insolar**  
#bestpractices #microservices #metrics



vvvv – visual programming for .NET  
**Joreg, vvvv**  
**Elias Holzer, vvvv**  
#trends #future #ui

18:30 – 19:00 Break

19:00 – 20:00



The power of composition  
**Scott Wlaschin, Author of the book "Domain Modeling Made Functional"**  
#fprog #architecture #f#

20:00 – 20:30

Conference closing