DOORS OPEN 09.00-09.30 **KEYNOTES** ROOM N10 - ON STREAMING N11: OPENING BY CODEMOTION 09.30-09.45 ROOM N10 - ON STREAMING N11: KEYNOTE BY IBM 09.45-10.00 IBM Bluemix the new Era of Cognitive - Elisabetta Rinaldi, Rossella de Gaetano **ROOM N10: KEYNOTE BY REBECCA PARSONS (THOUGHTWORKS) ROOM N11: KEYNOTE BY PETER GASSTON (REHABSTUDIO)** 10.10-10.50 **The Evolution of Evolutionary Architecture OK Computer** COFFEE BREAK - Put your ideas on the unconference dashboard in the networking area! 10.50-11.20 Room N₁₀ Room N11 Room N1 Room DS1 Room N13 <u>Room N14</u> Room N₃ Room N₅ BM Desk #REACT #LANGUAGES #CLOUD/BIGDATA #CLOUD/BIGDATA #DEVOPS #DEVOPS #MOBILE #GAME DEV **#Demo Live** 11.20 **Composing Music in the Cloud** Demistifying the 3D Web **What To Expect From PHP7** rned to love React aggio e logging nell'A.D. TDD and mo om Developer Cloud to 2016 Lorna Mitchell (LornaJane Ltd) James Weaver (Pivotal Software) Pietro Grandi (Betsson Gro Language: English - Level: Intermediate Language: English - Level: Beginner Michele Finelli (BioDec) "I think we're going to have to go with React..." Language: Italian - Level: Advanced We have a new major release of PHP! But what ElasticSearch is a really powerful search engir Leveraging the power of the cloud and micro-The web in 3D has been always considered a First try and then trust NoSQL database & analytics engine. It is fast, it scales and it's a child of the Cloud/BigData does this mean for PHP developers in the Real World (TM)? This talk has everything you need tough argument: lack of standards, inconsistent Grazie ai sistemi cloud e alla virtualizzazione Language: English - Level: Intermediate Come to discover how IBM's supercomputer eceded by two weeks of contention. I didn't can be analyzed and composed in real-time to Language: English - Level: Intermediate support across platform and too much boilernei prossimi anni sarà necessario dotarsi di Delivering updates with confidence; shortening to know to be the expert. Find out how the remarkable performance improvements could could improve health care. choose React because I liked it from a technical perspective, I chose it because it was the right generation. This talk will show you how to get hings done using ElasticSearch. The focus is or augment musical performance with a futuristic nstrument. This session contains an introducplate needed even to bring up the simplest example. With the official porting of as subset of Most of the requirements for a modern DevOps strumenti efficaci per gestire la complessità di un'infrastruttura distribuita. La presentazione approach should include - at least - two disrup every day: this is the promise of Test-Driven fit for the people in our team. However, after look on your own system, and see the shiny doing actual work, creating actual gueries and OpenGL APIs into the browsers by the Khronos tion to relevant cloud technologies, and an sarà una rassegna dei principi necessari alla Development. But, it's not easy to do TDD in Android. You have to run the tests on the ting factors: using Cloud resources to gain self-service access to resources and automate the scrapping a three-quarter written web application and rewriting it in React, initial disdain has new features in this major release of the web's achieving actual results. Topics that will be cotroduction to music theory and composition progettazione di un'infrastruttura di monitoragvered: - Filters and gueries - Cluster, shard and and solid pipeline. In order to simplify the scene favourite scripting language. Get advice on This session also has musical demonstrations gio e di logging per le architetture moderne infrastructure setup, and assemble in an eas device, or install a complex framework that turned into appreciation; somewhat facilitated by the excellent Redux state library. In this talk how to upgrade your application, making use of the new features and avoiding the backwards index management - Data mapping - Analyzer and tokenizers - Aggregations - ElasticSearch nanagement several JS frameworks have been and code snippets scattered throughout. Enaintuitive manner an increasing number of building blocks available on the Cloud as services basate sempre di più su Cloud e soluzioni di nimics the Android APIs. Both options slow yo ouilt upon it. During this talk I'll present containment ""à la Docker"". Nella seconda down. We'll get back to the roots of TDD and the most used frameworks showing differences we'll discuss why React makes sense for orga compatibility traps. Developers and technical as part of the ELK stack - Integration in your include Spring Boot and Cloud Foundry. parte si descriveranno i progetti free più matur on different Marketplaces. The talk will expand these two concepts showing the step-by-step show how to deal with this problem. We'll lear time-tested techniques that reduce the need zations, how to get the most out of it through leaders everywhere who want to use better PHP will benefit from this session. and typical use cases for them. e interessanti, secondo l'esperienza di uso fatta details required to use and automate the deve to run tests on the device. Our code becomes lopment activities on Cloud environments and how to create engaging applications combining services from multiple sources. #JAVASCRIPT #NODE #MOTIVATIONAL #CLOUD/BIGDATA **#DEVOPS #SECURITY #GAME DEV #JAVASCRIPT** me to Mordor! Hunting **Progressive Enhancement for** Who's Afraid of Graphs The road to Ember.is 2.0 **474 Password Not Found** ırant for real design is my psychologist JavaScript Apps Performance Issues in Node.is iuseppe Galli (K-Tech s.r.l.), Saverio Language: Italian - Level: Intermediate Language: English - Level: Beginner Language: English - Level: Intermediate Language: Italian - Level: Intermediate niel Khan (Dynatrace Austria) Language: English - Level: Intermediate Oggi si parla sempre più di continuous inte-gration, deploy e delivery. Ma come va gestito il budget in questi contesti? Le pratiche agili portano alla miopia nel medio-lungo periodo Why should I use Ember,js? JavaScript MVC frameworks are plentiful. In this presentation Language: English - Level: Intermediate Language: English - Level: Intermediate Language: English - Level: Beginner Graphs are everywhere. Friended someone of Vagrant is a well-known tool for creating deve-Facebook? Graphs. Checked the best route to opment environments in a simple and consi-When progressive enhancement was introdu-Beyond the passwords era: password-less If there is bad press about Node is it's because Game development is a powerful tool for selff performance issues and how hard it is to avoid traffic on Google Maps? Graphs. Those tent way. Since we adopted in our organization ced as a concept, JavaScript applications see I will give you some compelling reasons to internet is now a reality. Use your smartphorecruiters that keep spamming you with job of-fers on LinkedIn? They find you through graphs. ced several benefits: lower project sider Émber, and the the new parts ne to login using T-OTP created on the spot. rack them down. Usually these problems are med as relevant as flying cars. As JS became make games to tell personal stories that trigger setup times, better shared knowledge among more powerful, it seemed we'd reach a point where we could forget PE entirely. For its origifrom the upcoming version 2.0. Different from a wide range of emotions. In 2015, I developed and released Memoir En Code, an autobio-Build and design your app and web site using hiding during development but start to kick in oncentrandosi sul risolvere problemi present oggi e sfruttando tattiche utili nel breve periodo I talk vuole mostrare alcune idee (perfettibili We're surrounded by problems that can be best represented and solved through graphs, am members, less wtf moments ;-) In this ssion I'd like to share our experience, inclu other framework the new vesion does not orings a far new world because the dev team a password-less solution, enforce strong authentication to confirm user identity when de under high load. Not good. In my talk we will briefly go through the ""hall of fame" of Node. js performance problems and the technical graphical game about life events that shaped me. It was a tough, emotional journey in which nal meaning, we now have rock-solid librarie ma concrete) su come sviluppare pensando and yet graph databases and processing fra ding but not limited to: - advanced vagrantfile and polyfills to provide abstractions that make has planned continuos releases in order to veloping your applicative code. Include security remain an obscure niche acce spects in the application logic of your app, details behind them. By doing so, we will also PE easy. But as JS has advanced, we've started game design helped me understand a lot get some valuable insights on how Node, is (V8, libuv) works internally. Then we will learn how to new parts, like in React, the ""virtual DOM" per creare nuovo codice, ma anche uno per mainly to data scientists and academics. It's tinvironment: performance, debug, tuning - ou riting things that can't be polyfilled. We know stop delegating them exclusively to the server re about myself and about my past. I wish to me to right the injustice and bring graphs to the masses! This session is an introdution to Neo4j, The user of your mobile apps can login without typing any data obtaining a more secure and mantenere quello vecchio e la relativa infra wtf moments - puphet/phansilbe: hot or not? now how to progressively enhance widgets and share what I learned during the design process struttura e che entrambi devono essere presi in nrough the new parts of EmberJS 2.0. create metrics that the V8 engine provides to us out of the box and learn about tools that help tips for sharing a box. user interactions. We'll talk about how we pro-gressively enhance entire applications, and why and the release, and end with a call for more OrientDB, GraphX, Giraph, and others. user-friendly experience. Participate to the draft autobiographical games. of the password-less internet Manifesto! interpreting them. it's more important than ever that we do so. 4.00-16.00 TAKE YOUR CODEMOTION LUNCH BOX Codemotion Lak UNCONFERENCE - Talks' selection and presentation of the final agenda in The Hackgarden 13.00-14.00 #Codelab [CODE] Factor - The Code Contest of Codemotion - Preliminaries - Room N8 TDD distilled in Java #MICROSERVICES **#JAVASCRIPT** #CLOUD/BIGDATA #MOBILE #INSPIRATIONAL #MAKERS/IOT #GAME DEV 14.00 Dockerize it: stop living in the IBM Bluemix: science fiction has echnology Vision 2016: People ntel IoT: Make Everything Smart Sviluppare Videogiochi in 2D con icazioni crosspast and embrace the future il testing in JavaScript been overtaken....now everything tform con Xamarin e il pattern Unity **First** Language: Italian - Level: Beginner is possible MVVM Language: Italian - Level: Beginner Alex Nadalin (Namshi) Massimo Giri (Accenture), Roberto De Ioris (20Tab) In this workshop you will code a kata in Java, ices with Spring Cloud & Language: English - Level: Intermediate Language: Italian - Level: Beginner Language: Italian - Level: Beginner starting from a given scaffold, so you can Come along and know Intel® Edison and the Davide Albo (IBM), Ferdinando Gorga (IBM) focus on the fundamental steps of TDD. You will learn how to practice your TDD skills; how Language: English - Level: Beginner eo-announced Arduino/Genuino* 101, the Language: Italian - Level: Beginner Language: Italian - Level: Intermediate Docker is a groundbreaking technology that Unity3D e' uno degli engine piu' utilizzati nel Le moderne applicazioni web ormai spostano will heavily influence how we will write software Keeping updated during the technological development platform boards designed speci The cloud is not just about new apps or Xamarin è una delle tecnologie più interessant cally for makers, hobbyists, designers, studen educators and, more generally, to all fans of to drive your code and design decisions with Language: English - Level: Beginner in the years to come: let's then have a look at ' vaScript assoluto protagonista dello sviluppo. Si ting ones, on-prem or off-prem, laaS or n ambito di sviluppo cross-platform, p evolution is of key importance. But today is nato per realizzare giochi in 3 dimensioni, dalla tests; how to refactor your code with no fear how to keep control of your design. Lab will where it comes from (Linux Containers) * how it works * how to dockerize simple apps to easily rende quindi necessario poter testare in manie ra automatica questa componente e in questa also vital for companies to give to consumers employees and partners new competences versione 4 include il support per la grafica 2D. Il talk illustrera' quali sono gli step necessari per PaaS. It's about bringing all of this together to permette di utilizzare le conoscenze di C# Devices (phones, tablets, etc.) already consum electronic DIY wishing to implement their ideas per realizzare applicazioni con stesse feature e performance di un'applicazione nativa. move cloud into the core business of modern into real prototypes. Thanks to a complete hardware and software environment, Edison be organised in 4 sessions of 25 minutes: an intro to TDD, then 2 sessions of coding and enterprise. Bluemix is a platform built to help to get the most out of technology. Accenture realizzarre un semplice gioco con animazioni. deploy them on production * how you can use sessione vedremo, con un approccio molto ervices somewhere! In this session, learn how pratico, tools e tecniche per farlo in maniera Usare Xamarin, però, non significa solo poter companies drive pervasive transformation. With to use proven patterns & open source software to quickly and effectively build edge services provides advanced compute features to users who are already familiar with prototyping tools the final retrospective so you can share you development workflow Do you like Vagrant, focused on the ""People First"" approach:: tenibile. Partiremo dai principali framework veloper-centric compute models, instant videogioco Dolguth. di testing confrontando l'approccio TDD e BDD; analizzeremo framework e tecniche di mocking; auto-scaling or 12-factor apps? Then get ready Intelligent Automation, Liquid Workforces access to over 150 services – including ones e soprattutto non dover scrivere e mantener that marshal & streamline communication n Economy, Predictable Disruption and complementing and extending functionalities codebase completamente diverse. Vedrem come massimizzare il riutilizzo di codice tra that facilitate modern architecture and delivery between your key services and end-users with devices in hand. The presenter will demonstrat vedremo come rendere testabile codice già Digital Trust. scritto e come AngularJS semplifichi notevolvOps and continuous delivery – Bluemix makes le diverse versioni delle nostra applicazioni every day. OSS tools employed by Netflix to keep movies 5.20-18.00 streaming globally 24x7. lackgarden #ANGULAR #ARCHITECTURES #CLOUD/BIGDATA #JAVASCRIPT #MOTIVATIONAL **#DEVOPS** #MOBILE #GAME DEV Engage and retain users in the mobile world **#Unconference** From zero to exit: a full startup ow Angular2 can improve your NoSQL's biggest secret: NoSQL VebRTC + Socket.io: building a PHP projects beyond the LAMP ndi, che vi les of Evo gular1 apps today never went away skype-like video chat with native sviluppare in VR? Matteo Bonifazi (Open Reply For the very first time Codemotion hosts - be Language: English - Level: Advanced side the established conference – an info space of Unconference. Language: English - Level: Intermediate Language: English - Level: Intermediate Language: English - Level: Beginner Language: English - Level: Beginner Language: English - Level: Beginner Language: Italian - Level: Beginner Language: Italian - Level: Advanced NoSQL databases threw out SQL for querying, While we all wait for Angular2 to be ready, With business models and business needs In 2011 I started my first company (map2app) For people in open source, LAMP is a very com La Realtà Virtuale è in grande ascesa e il App stores are growing day by day and millions An Unconference is a participant-driven meeting. Its format creates space for peer-towhile their authors focused on solving problems of scale, speed, and availability. The changing so rapidly, an adaptable architecture is critical to allow systems to cope with change. with two friends, 4 years later we got acquired by Bravofly (now lastminute.com group). The mon acronym. But as your site or application gets more popular, you'll notice that your stack of apps have been downloaded by users every day. Crafting an awesome mobile app does not mondo dei videogiochi è, come da tradizione, il primo dei mondi digitali ad interfacciarsi alle Angular1 is powering thousands of single page applications today. By adopting Angular2 Il webrtc è una tecnologia nata nel 2011 e ha portato la videochat su browser in modo nativo, ispirandosi alle chat IRC, che permette peer learning, collaboration and creativity, in which everyone could share their thoughts or needs more than just Apache, MySQL and just PHP: there are more pieces to the puzzle. This concepts and applying them to our Angular1 application, we can win two prizes at once: Ma Historically, adaptability has been sought through anticipating the places where a system mus need for rich query never went away. Neither did SQL. Today, non-relational databases are storytelling around startups is usually associated with ideas, being fool and taking risks. Cumean having a great success in the market. It becomes crucial for app success to make your novità. Come in tutte le nuove tecnologie però, soprattutto agli inizi, si ha la sindrome del foglio a 2 utenti di chattare direttamente o a gruppi di persone di parlare all'interno di una stanza. be adaptable and through various architectural approaches. However, recent experiences have shown these approaches to be inadequate, at bringing back SQL-like languages to help them stomers and money will eventually arrive! This talk will feature a bunch of ""new" components app engaging so that users who have installed ke our code cleaner, maintainable and modular bianco: con così tanta libertà di espressione e while getting ready for a future migration to Angular2 when it is ready. Through this talk I will integrate with existing data query and to fit in with the weight of database practice of the is a dangerous vision that doesn't focus enoug on execution. My talk describes the reality of actually use it. With this talk, we are diving into several techniques, like App Indexing and con un mercato ancora sgombro o quasi, con cosa iniziare?! Il talk prenderà in esame il rapthat are used by modern day applications at scale. Components like: Nginx, Varnish, Elastic-Il modello IRC si distacca molto da quello di DON'T BE SHY! Skype, dove 2 o più utenti possono chattare di-rettamente e ogni utente ha una propria lista di show the process of refactoring our Angular1 code to meet Angular2 concepts through a past 40 years. In this talk I'll cover the journey from key-value, through novel ideas such as least as currently practiced. This talk presents some principles of evolutionary architecture running a business: failures and excitement, market niche and market fit, customer satisfac Search, Redis, RabbitMQ, NodeJS, Go, HHVM and many more. The end goal is to assemble porto fra l'attuale mercato dei videogiochi VR e le limitazioni tecniche dei device più diffusi, App Invites, that help make the mobile app a **SUBMIT YOUR TALK** more useful and embedded part of the user's contatti. Presenterò un'architettura custom per la realizzazione di una video chat sfruttando la series of code examples based on real-world that allow systems to respond to change Jsonig, to academic papers proposing a SQL++ tion and business growth. From Bologna to San a proof of concept that is fast, scalable, highly experience. definendo cosa è più opportuno produrre in se cases. Finally, we will migrate the whole language, and projects including Cassandra and Couchbase providing their own SQL-like available and modular. We'll still use PHP, but only where it makes sense. STARTING FROM 11:00 TO 11:20 IN THE Francisco and back to Switzerland I learnt a lot tecnologia webrtc e le websockets, per arrivare app to Angular2. of useful lessons, that ask to be shared. a un prodotto simile a Skype. #LANGUAGES #DEVOPS #WEBGL #MICROSERVICES #CLOUD/BIGDATA #MOBILE **#GAMEDEV** 11:00 - 11:20 act Native in the wild Why DevOps is not enough Safe and fast parsers with Nom The next frontier: WebGL and **SQL o NoSQL? Progettare** ent for your **Commodore 64 Mon Amour** Beauty Treatment for Android Application sals - we will provide all you and Rust WebVR app in (not-so) micro-services applicazioni 'Big Data-ready' Uwe Friedrichsen (codecentric AG) Andrea Ferlito (Codemotion) Language: English - Level: Intermediate Language: English - Level: Intermediate attraverso l'utilizzo della Language: Italian Level: Beginner Martin Naumann (Archilogic Language: English Level: Beginner **Polyglot Persistence** Language: English - Level: Beginner Language: Italian - Level: Intermediate Language: English - Level: Intermediate Ever since it launched, RN has gained lots of Cosa succede se dopo 30 anni riprendi in The DevOps movement is gaining momen Talks voting and creation of the final agenda tum - which is good. But still DevOps often is seen way to small. DevOps is not only some mano un vecchio listato assembly? è quello che racconterò in questo speech. Utilizzando Android Apps are ugly. They are slow. Android is laggy. I know, you have heard a lot of that in the last years. Enough of it! It is now time to The browser is a window into a vast, unlimited If you ever wrote a parser, you know two things There's a huge interest around microservices Mario Cartia (Argo Software) parsing is fun, and parsing is hard. While it is a very rewarding and interactive process, it can world. But what about we don't just peek into a flat, page-based world, but into a space and microservice architecture... almost every IT conference has a session about it. A clear lopers: mobile development, with the added Language: Italian - Level: Intermediate of bonus of being able to re-use a substantial more collaboration between Development and come esempio un piccolo platform a livelli ence opening and talks presentation Operations. It is the implementation driver for Il teorema CAP, formulato da Eric Brewer nel chunk of code for both ios and android. Follow capiremo come si progettava e si scriveva un get your revenge back and take advantage of the new tools to draw and animate, design easily make your code vulnerable. The nom with depth? What can we build with that? And idea of the benefits/pitfalls that this approach 1998, è una congettura matematica secondo la quale un sistema distribuito non è in grado me on this step by step tutorial on how to build a massive change in IT - and it is not enough now that our browser is the portal to a space, brings is crucial for a successful adoption in videogioco negi anni 80 e quali possono essere 15:20 - 16:00 in itself. In this session we will examine the drivers and goals behind DevOps, why we need gli strumenti che oggi ci permettono di farlo ancora semplificandoci, e non poco, la vita. Un nple mobile app with the latest version Rust's memory safety features, makes parser how can we immerse ourselves into it, rather a project. In this presentation I share some of guidelines and a few tricks and recipes to garantire contemporaneamente scalabilità than stare into it from the outside? And maybe we can link this world inside our browser to the experiences made during the dismantling a monolithic application into microservices. make your Android application stand out from the rest. Join me to speak about how to make of React Native, understanding the concepts development more interesting, with a focus on #Micro Services & Best Practices prizzontale, disponibilità e consistenza. Da qui minimo di conoscenza del linguaggio assembly behind it, the differences between React and its the change, how DevOps affects the whole IT tooling and code reuse. and what else is needed to really ""become l'esigenza di un approccio semplice per la tive version and seeing how you can debug a your application look different by adding subtle effects that are appealing to the eye and the del 6510 sarebbe opportuno. our real world as well? This talk explores the I analyze some of the reasons justifying the gettazione di applicazioni che utilizzano una Iteplicità di tecnologie per lo storage dei native app directly in your browser. DevOps"". We will develop an ""DevOps ecosyadoption of this type of architecture, talk about possibilities technologies such as Augmented Networking & Lighting talk stem" and draw the missing lines between several important concepts that all feed into the Reality and Virtual Reality by using WebGL the most important issues to consider and reve overall experience of your users. dati (RDBMS, NoSQL, DFS, etc.) nascondendo and Javascript to extend and enhance the web beyond the flat browser window. al some approaches that have been successful tale complessità sottostante attraverso la actual goals behind DevOps. in our experience. realizzazione di un'unica interfaccia esterna pe #IoT & Smart Home 17:05 - 17:15 #MOTIVATIONAL #MICROSERVICES #SECURITY #CLOUD/BIGDATA Networking & Lighting talk #CLOUD/BIGDATA #MOTIVATIONAL #MOBILE **#GAME DEV Real World Use Cases: Hadoop Growth Hacking for Developers Develop apps for (Apple) TV** Public speaking for geeks We are not Object-Oriented Let's go HTTPS RabbitMQ: Message queuing that You Turing-Complete me: 17:20 - 18:00 and NoSQL in Production nare dentro works Language: Italian - Level: Beginner Language: English - Level: Intermediate Language: English - Level: Beginner Language: Italian - Level: Beginner #Innovative Startups HTTPS has gone mainstream and nowadays it's a good practice to serve a website via HTTPS. You don't have to be a developer to be a growth hacker, but it helps! Growth hacking, of-Speaking in public is not easy, especially for Language: English - Level: Intermediate Language: English - Level: Beginner Language: Italian - Level: Intermediate Apple is trying to revolution the TV. Apple now 18:00 - 19:00 Aperitif from 6pm in the networking area All of you have been taught that GOOD code is Object Oriented. Why do you find so difficult What's important about a technology is what you can use it to do. I've looked at what a numallows developers to build AppleTV Apps and geeks, that tend to be too technical, or too In this talk I will show how to use RabbitMQ for However, simply installing a TLS/SSL certificate may not be not enough to stay secure. It's n defined as ""experiment-driven marketing" a mindset that created a new professional Language: Italian - Level: Intermediate nv. or too something... In this session we'll distribute them on the AppleTV AppStore. It's a two different applications. For the first one, how t with some basic tips and we'll see how big opportunity for iOS&Mac developer to exto setup a simple messaging application using different clients as Java, Java-Script, Python, Erlang, .Net, etc. For the second one, how to to write distributed code? Why should be that ber of groups are doing with Apache Hadoop La turing-completezza è l'insieme di carat The Uncoference is organized in to dramatically improve our results using mportant to understand how HTTPS works and rybrid between the marketer and the software pand their market and build something unique teristiche che fa si che un linguaggio possa essere utilizzato per costruire delle macchin collaboration with Mobile Tea and Code well defined techniques. We'll also see (with practical examples) how to deal with problems how to configure it properly. In this talk we'll take a look at different types of SSL certificates engineer, capable of tapping into data-backed nsights to optimize product features and This talk will explain how make app for TV. It will also analyze the various challenges of making machines to another? With this talk will explore worked well for them and what did not. Drawing what Object Oriented code is good and not good for, and why the node is an extremely from real world use cases, I show how people who understand these new approaches can distribute long batch processes between more consumers in high-availability configuration. In di turing, ovvero, per scrivere programmi o nning successfull marketing campaigns. In is talk we'll see how growth hacking changes during speeches, elevator pitches, product along with how to obtain a trusted SSL certiapplication for TV and the difference between definire altri linguaggi di programmazione. Tali proprietà sono, incredibilmente, talmente both examples, we will see how to scale the application in terms of clients and brokers, we good fit for microservices architectures. employ them well in conjunction with traditional speaking skills are not useful to conference approaches and existing applications. Thread servers/PaaS. Finally, we'll discuss the best the traditional marketing game and how your semplici ed elementari che spesso si possono trovare in luoghi insospettabili: da Minecraft practices surrounding HTTPS, including the HSTS headers, public key pinning, and common oding skills can make you also a great at eakers only, everybody needs to improve Detection, Datawarehouse optimization, Marwill see a few standard configurations for local cluster and geographics one. At the end of this talk, you will have walked through all the basics them, especially geeks! keting Efficiency, Biometric Database are some fino a Pokémon, nel talk esploreremo come in pitfalls such as the mixed security error. examples exposed during this presentation. molti videogiochi si abbiano, per volere degli of RabbitMQ. sviluppatori o addirittura accidentalmente, i presupposti per utilizzare gli elementi interni al gioco per scrivere programmi. 18.00-19.00 **NETWORKING BEER** 18.40-19.40 MEETUP #MEETUP SEE YOU TOMORROW **SEE YOU TOMORROW** #MEETUP **SEE YOU TOMORROW** #MEETUP #MEETUP **SEE YOU TOMORROW** licrosoft <3 Open Source: Un **AngularJS and React Italian GOLANGIT Meetup** {CODE} Factor Giorgio Cefaro (Freelance), Nicola Larosa (Own consultancy), Giulio De Donato communities

Language: Italian - Level: Advanced

L'unico talent show per developer torna a Codemotion. Partecipa e mostra al mondo quanto spacchi col codice. Le selezioni avranno luogi nerdì all'ora di pranzo in aula N8. Si tratta di test a risposta multipla. I migliori otto si sfiderar no in un girone eliminatorio che si svilupperà in tre sfide one VS one. Quarti e semifinale si geranno il venerdì durante i meetup in aula all'ora di pranzo in Hackgarden. Vieni e dimostra di possedere il (CODE) Factor. Daje

Fabio Biondi (Freelance), Matteo Ronchi

Language: Italian - Level: Beginner AngularJS ha raggiunto una diffusione enorme negli ultimi anni e rappresenta il framework at-tualmente più utilizzato nell'ambito dello svilup po di Single Page Applications. Tuttavia, durante il 2016 assisteremo alla nascita di Angular 2, al consolidamento di React e all'abbandono di numerose librerie e strumenti in favore di altri n questo meetup vogliamo condividere con i partecipanti la nostra esperienza sul campo. discutere sul futuro dello sviluppo front-end e

Language: Italian - Level: Beginner GOLANGIT arriva al terzo compleanno e torna L'incontro come sempre sarà caratterizzato da una breve introduzione dei founder @giorrrgio e @liuggio sulla vita della community e da interventi da parte di due dei suoi membri nterverranno Nicola Larosa e Ugo Landini

Language: Italian - Level: Beginne Il meetup sarà un momento di confronto con le community OSS e con tutti i partecipanti rispetto al cambiamento storico che Microsoft sta portando avanti. Dal rilascio di Visual Studio Code con licenza OSS all'accordo con Red Hat, dall'acquisizione di Xamarin per lo sviluppo cross-platform al supporto su Mac e Linux di ASP.NET e .NET Core, tante cose sono successe nell'ultimo anno. Anche in Italia la collaborazione con il mondo OSS va avanti, in questo meetup vedremo cosa è stato fatto e si discuteranno le attività congiunte dei prossim











Collect at least 15 Pins and win a Star Wars BB-8!

FOR MORE INFO GO TO CODEMOTION DESK



k-tech

ROMA TRE NIVERSITÀ DEGLI STUDI



Software

accenture

NAC.









Microsoft















tecnologia singola (Java, Rails, ecc.) che cresce finché fatica a scalare all'aumentare degli utenti e con essa il relativo processo di sviluppo all'aumentare degli sviluppatori. Sul backend una strategia consolidata è suddividere progressivamente il monolite in microservic Per il front-end la soluzione duale è estrarre gradualmente il codice HTML, CSS e JavaScript in una Single Page Application, applicando diverse tecniche come quelle maturate durante la mia esperienza in Workshare.

inuseful to spend time in order to make tests as much usable, maintainable and automated as possible? This question is the nightmare of developers and testers. Here, we would like to introduce a new architecture that, potentially, is able to reach a general agreement, by using technologies you all know but strutctured in a erent way, that is using microservices. We will talk about previous good and bad experier ces, our current solution and a lot of kittens.

workforce, you'll find that both productivity as well as profitability has increased. Taking into account the enormous shortage of IT professionals world-wide and the distinct lack of diversity in the IT work-force, the time has come to accelerate this muchneeded shift in the IT industry. We all are in an unique positior to contribute to this change. In this talk we'll take a look at what each of us can do today and tomorrow to help us move towards a healthier and more economically sane industry.

like to discuss about: - What is the secure sofware? - Who is in charge of software security? - What is a structured approach to software Guidelines and tools for secure development?

connesso a una Raspberry e trasformarli in informazioni utili, sfruttando diversi servizi cloud per collezionarli, analizzarli, memorizzarli e nfine visualizzarli in modo da ottenere valore dal dato di partenza. Tutto ciò che serve è una RPI, un sensore e un account Azure: si sfruttera una semplice demo come esempio base e si mostreranno alcune possibili estensioni e

modifiche, in grado di coprire diversi scenari

modularity is NOT just some new framewor ither it is a simple set of APIs! It's a complex concept that has been around for almost as long as the industry itself. So in this talk I'd like to take a step back and reason about the fundamental idea of modularity in Java by comparing the concepts of Jigsaw with other Java modula rity approaches and implementations that have round for quite some time.

the point of view of users? Make Experience is a step-by-step methodology created to join the UX Design in the creative process of the Makers. This talk includes the following topics: User research to understanding users needs and goals; - Co-Design and Rapid Prototyping to evolve your project; - testing your prototypes and learn from user':s feedback: organize informations and interactions in a World made of bits & atoms - from product to service/startup (Service Design for Internet of

the Things).

TAKE A BREAK

nen we press A on the SNES controller, we know that Mario is going to jump. If we hold down the directional keys, we expect him to move. Those are "rules", or "mechanics", which are defined by the game designer to create a system which generates the "fun". All mechanics in the game are tightly tied together, so that each use of "Jump" or "Move" will have an effect on every other component of the game. For in-

stance, it would make no sense to have a "press

Z to eat a sandwich" mechanic, as it would have

no effect on the game system and practically

4.00-16.00 Codemotion Lab

BM Desk

13.00-14.00

duction ready, how

#JAVASCRIPT

#NODE

(NodeJS)

there will be code:)

Language: Italian - Level: Intermediate

Da quando è stata rilasciata la versione 1.0 olymer è finalmente pronto per essere usato produzione. Quali sono le cose da tenere in considerazione, gli strumenti da usare e le prati che migliori per deployare e mantenere i propr componenti? In questo talk vedremo come creare applicazioni basate su Polymer e come iscrivere tutto da zero non è un'opzione.

icroservices - the lean way

Workshare have been running on a microservi-

e architecture since three years ago, moving

from a monolithic Rails application and constar

tly adding new feature trough new microservi-ces.. In this speech we will clarify what is such

and a lot of live demos. We will also be coding

from a very simple example and moving in three

iterations to a more complex one, including a simple self discovery mechanism. Be prepared,

architecture. why you should consider it (or not!), some common antipatterns, some fun facts,

oservices using NodeJS, starting

Language: Italian - Level: Beginner

#LANGUAGES From object oriented to functional domain modeling Language: Italian - Level: Advanced

#DEVOPS

Go e Java

Malgrado l'introduzione delle lambda, la gran parte degli sviluppatori Java non è ancora abituata agli idiomi della programmazione funzionale e quindi non è pronta a sfruttare a pieno le potenzialità di Java 8. In particolare nor ancora comune vedere dati e funzioni usate insieme quando si modella un dominio di business. Lo scopo del talk è mostrare come alcuni principi di programmazione funzionale quali l'impiego di oggetti e strutture dati immutabili, l'uso di funzioni senza side-effect e il loro reuso mediante composizione, possono anche essere validi strumenti di domain modelling.

Come costruire una Platform As A

ervice con Docker, Kubernetes

Language: Italian - Level: Advanced

Per automatizzare la CI e la CD, durante

i utilizzano le tecniche chiamate attualmente

costruire una PAAS scalabile utilizzando solo Docker, Docker e Kubernetes oppure soluzioni

già pronte come Openshift 3 (che sta sopra Docker e Kubernetes). Nella presentazione

vedremo come avere questi tre tipi di PAAS con

in più uno strato di orchestrazione in GO/Java e

Ansible per automatizzare il comportamento ir

PAAS su cloud, privati o pubblici. Possiamo

Language: English - Level: Intermediate

#CLOUD/BIGDATA

#MOTIVATIONAL

Design is your business too

Language: English - Level: Beginner

A well designed experience is an essential part

should know its importance and that they

need to work hard to achieve it. Even though many people agree with the importance of a

well-designed experience, it can be hard to

get everybody on board, which is crucial to

ensuring a successful outcome. This talk will

show how to engage the full team by defining design directions, revealing hidden values, and

making everybody proud about the service

Writing Security (unit/ integration) Tests using the OWASP 02 Platform

Telecom operators need to find operational anomalies in their networks very quickly. This need, however, is shared with many other industries as well so there are lessons for all of us here. Spark plus a streaming architecture can solve these problems very nicely. I will present both a practical architecture as well as sign patterns and some detailed algorithms for detecting anomalies in event streams. These algorithms are simple but quite general and can be applied across a wide variety of

Language: English - Level: Advanced This presentation will show how the O2

#SECURITY

#SECURITY

#SECURITY

sicurezza informatica

DrDoS - La cura

Platform APIs and tools can be used on the creation of powerful 'Application Security-focused Tests' The Tests range from (simple) Unit Tests to (lots of moving parts) Integration sts, with the focus being on the 'non Happy Paths' (i.e. the areas that developers don't tend to naturally test) This is a developer focused presentation, with demos being executed in: multiple IDEs (VS. Atom. IntelliJ. Eclipse) and languages (C#, Java, NodeJS) * multiple CI technologies (Docker, Travis CI, Cloud) * 'Realtime test runners (NCrunch, Wallaby).

anche grazie ad un lavoro sperimentale del Politecnico di Milano. #ANGULAR

TAKE YOUR CODEMOTION LUNCH BOX

[CODE] Factor - The Code Contest of Codemotion - Grand Final in the Hackgarden

#MAKERS/IOT

ternet of Ideas: Paper

lino Guarnacci (Oracle), Andrea Bosis

Language: Italian - Level: Intermediate

I giusti ingredienti per realizzare idee e prodot

durante il talk vedremo come questa formula

diventerà un sensore capacitivo, le sue probabil e possibili applicazioni nel mondo reale e come

menti tecnologici utili a liberare l'immaginazion

ogrammarNe una porta di accesso al mondo

Cose, dove una semplice carta da disegno

novativi ricercati sul mercato sono la fantasia

e l'ingegno ispirati dall'innovazione tecnologica

Language: Italian - Level: Beginner Nello speech parleremo dell'evoluzione che DDoS. I cambiamenti statistici in termini di antità di attacchi ma soprattutto d'int spetto l'introduzione delle tecniche di Re flection, tanto che oggi gli attacchi volumetrici vengono anche chiamati DrDoS. Nello speech treremo i motivo per cui un attacco non del servizio ma solamente a monte e di conseguenza tramite il provider di connettività. Concludiamo con i requisiti che un servizio di DrDoS deve avere per proteggere i propri

Angular 2: core concepts Fabio Biondi (Freelance), Matteo Ronchi

Language: Italian- Level: Intermediate Angular 2 risolve problematiche e lacune della precedente versione, prestando particolare attenzione alle performance, al supporto mobile e alla qualità e leggibilità del codice prodotto. In questo talk verranno illustrate le funzionalità più significative tra cui: - nuova architettura totalmente orientata ai componenti - rimozione di \$scope e del dirty checking (\$digest) - adozion di un flow unidirezionale - utilizzo di Typescript, ES6 o ES5 - completa rivisitazione del motore d Dependency Injection - nuove procedure per il bootstrap dell'applicazione.

Francesco Ingrassia (Freelancer), Marco Passariello (Open Reply), Salvatore Ferranti Language: Italian - Level: Intermediate

Il supporto ad Apple Watch rappresenta per lo sviluppatore iPhone un crocevia fondamentale per emergere dalla massa, nonché una sfida per i designer di tutto il mondo che devono rivoluzionare il modo con cui l'utente interagisce Partendo da un'app iPhone di esempio avremo modo di toccare con mano quali sono gli approcci comuni ad iOS, le novità e le principali frontare nello sviluppo di app per Apple Watch.

Avere una casa piena di serrature, luci, elettro-domestici e termostati in grado di comunicare

tra loro e il cloud è fondamentale per ottenere

farli parlare tra loro. AllJoyn è un framewor

open source che abilita l'interoperabilità tra

dal loro brand, categoria, trasporto, sistema

operativo e senza la necessità del cloud. In questa sessione verranno illustrati i concetti

fondamentali e la loro implementazione.

valore dai dati acquisti. Sorge però un proble-ma: a meno che tutti i device/sensori/gateway

engono dalla stessa società non è possibile

Codice iPhone lavato a caldo:

come ""restringere"" la tua app

#MOBILE

per Apple Watch

#MAKERS/IOT

#CLOUD/BIGDATA Dove sono i tuoi vertici e di cosa stanno parlando? Language: Italian - Level: Intermediate

Language: Italian - Level: Intermediate OrientDB unisce la potenza di un database a grafo con la flessibilità di un document databa se creando il primo database multi-modello. Il talk esplora le funzionalità avanzate di ricerca geo-spaziale e full-text di OrientDB basate su Lucene. I due modelli di interrogazione completamente integrati nel linguaggio SQL di OrientDB, aprono possibilità di analisi avanzate per dati geolocalizzati e testi non strutturati.

Language: English - Level: Intermediate Since the Kickstarter campaign of Oculus Rift in August 2012, Virtual Reality has started to rise

Virtual Reality 101: developmen

tips for moving experiences

#GAME DEV

(again), attracting developers over the years to experiment, creating games and immersive experiences. Currently, developing for virtual reality is not foregone: compared to others media, developers must be aware of motion sickness, consider human limitations and rethink almost completely how user interfaces work in VR. In this talk, from direct experience of developing tips will be shared to create comfortable user-

#GAME DEV Grafica e mod

Language: Italian - Level: Beginner Dai concetti tecnici alla base della modellazione in CG, con uno sguardo alle diverse pipeline di lavoro e i principali strumenti per realizzare un naggio 3D, fino alle tecniche avanzate, per concludere con alcune considerazioni sul ruolo della grafica nel videogioco moderno, dal mondo della tripla A a quello emergente dell'indie.

Language: Italian - Level: Beginner Do you know that LEGO® bricks are an outstanding design tool? Come and play with us in the "Software Design with LEGO® SERIOUS PLAY®" workshop. In this 2 hours session we will define shared pains and gains between developers and

oftware Design with LEGO®

#Codelab

SERIOUS PLAY®

developers daily set of problems? During the workshop users and developers will negotiate the design of a common project using a common language, LEGO® LEGO® SERIOUS Play® is not about teaching, is about and playing!

#NODE ervice in practice with

Language: English - Level: Intermediate Microservice architecture is rapidly changing ne way we develop our applications. Sma highly decoupled software component are the foundation of this architecture. But hey that's the theory. Now how can we apply it in our day to day job? How can we structure our applicaarchitecture? Come to my talk and we'll see an introduction to a real microservice implementation using Seneca, js toolkit. By leveraging plugins, commands and other features available n Seneca.js we'll see how we can build a micro

#JAVASCRIPT **JavaScript in 2016 Eduard Tomàs (Plain Concepts)**

base ad eventi monitorati.

Language: English - Level: Intermediate Some years ago in a far far away company

Brendan Eich created JavaScript. A lot of things happened since then. Times changed, the web grown, the language itself was updated, and we as a developers need to adapt too. Last year the last standard of the language arose ECMAScript 2015 is here, and has some new and interesting features. In this talk we will show the most relevant ones, and also we will can use in JavaScript: you'll learn how to master the language and made JavaScript your best ally to conquest the world!

#LANGUAGES Elm or how I learned to love

Language: English - Level: Beginner Front-end development is rapidly evolving with new frameworks coming and going at a crazy pace. Among the many options, Elm stands out as one of the most original and pro mising approaches: it combines the principles of reactive programming with the elegance of strongly typed functional programming, yet providing a seamless integration with javascript code. In this talk Marco will introduce Elm, exploring a real project built with it. He will dig into the best language features, also of modular, reusable and testable front-end

TAKE A BREAK

appacosta (Metro Olografix) Language: Italian - Level: Beginner Dagli anni '80 alla Cyber security un viaggio ne tempo alla ricerca delle origini di molti degli at-tuali espereti della materia. La scena hacker è diventata molto complessa negli ultimi 15 anni. situazione e a districarsi tra Cybercrime, Hacktivism, security researcher e servizi segreti e a capire meglio qual'è l'origine di molte delle ealtà Italiane e mondiale della Cyber Security. Qual'è l'origine underground di tutto questo dalla Metro Olografix dei primi anni '90 ad oggi.

Storia e storie degli hacker della

Stefano Chiccarelli (Quantum Leasn's r.L.)

ancesco Perna (Quantum Leap), Lucia

#MOTIVATIONAL **Developing Augmented Reality** on Smart Glasses Mauro Rubin (JoinPad Srl), Niccolò

Language: Italian - Level: Beginner Augmented Reality is one of the protagonist of Industry 4.0; this main role was achieved thanks to the spread of the next-generation wearable devices, starting from the new smart glasses. In the Enterprise field, AR apps for smart glasses have become everyday more sophisticated, offering, in the best use cases. 3D objects managements, smart navigation, objects recognition, connection to the IoT and new ways of interaction between virtual and real nvironment. The participants will learn how to develop an AR application for Epson Moverio smart glasses, able to offer the modules descri-

#MAKERS/IOT Are Drones our best friends? Language: Italian - Level: Intermediate

the risk of 'bad-drone' abuse increases. During those years unexpected convergent consequences explode onto the drone scene at once .A drone is an aerial robot that can be controlled notely or autonomously, drones are now effective data gathering platforms, Computer vision, sense-and-avoid and optical tracking become standard in consumer drones. Are we safe from a little drone attack? How we can solutions are the big new deal the next future.

Close to 4.3 million drones were shipped

#GAME DEV Sviluppare giochi in Italia, da hobby a lavoro Daniele Bianchini (Looky Games) Language: Italian - Level: Beginner

Avventura di uno sviluppatore di videogame in Italia. Dal romanticismo dell'indie alla dura realtà del mercato. Perché vivere di videogiochi significa anche essere imprenditori, creare un prodotto e venderlo. Consigli su come non iniziare col piede sbagliato. Il perché la gran parte gioco. Le cose importanti da considerare per farla diventare un'attività lavorativa. L'importanza di concludere i progetti e pubblicare nei tempi prestabiliti. Perché fare giochi raramente è valga sicuramente la pena!

CLOSING KEYNOTES

ROOM N10 - ON STREAMING N11: DINIS CRUZ (OWASP 02 PLATFORM)

New Era of Software with modern Application Security

18.00-18.10

ROOM N10: CLOSING LOTTERY! Collect the Pins and Win a Star Wars BB-8