



VIScon 2018

Program



Welcome



Welcome to VIScon 2018

The first ever VIScon Symposium consists of 16 uniquely chosen talks and 4 fascinating workshops!

You will get an amazing opportunity to hear first hand how companies use the technologies which you learn about in lectures. While the workshops enable you to build or learn something, that you might not be able to until after graduating.

Being almost done with my studies here at ETH, I envy everyone that gets the chance to attend this symposium while studying.

We want you to walk out at the end of the day filled with motivation, inspiration and a fire within to build and mold the IT world of the coming decades - by making new discoveries and possibly even by founding a startup.

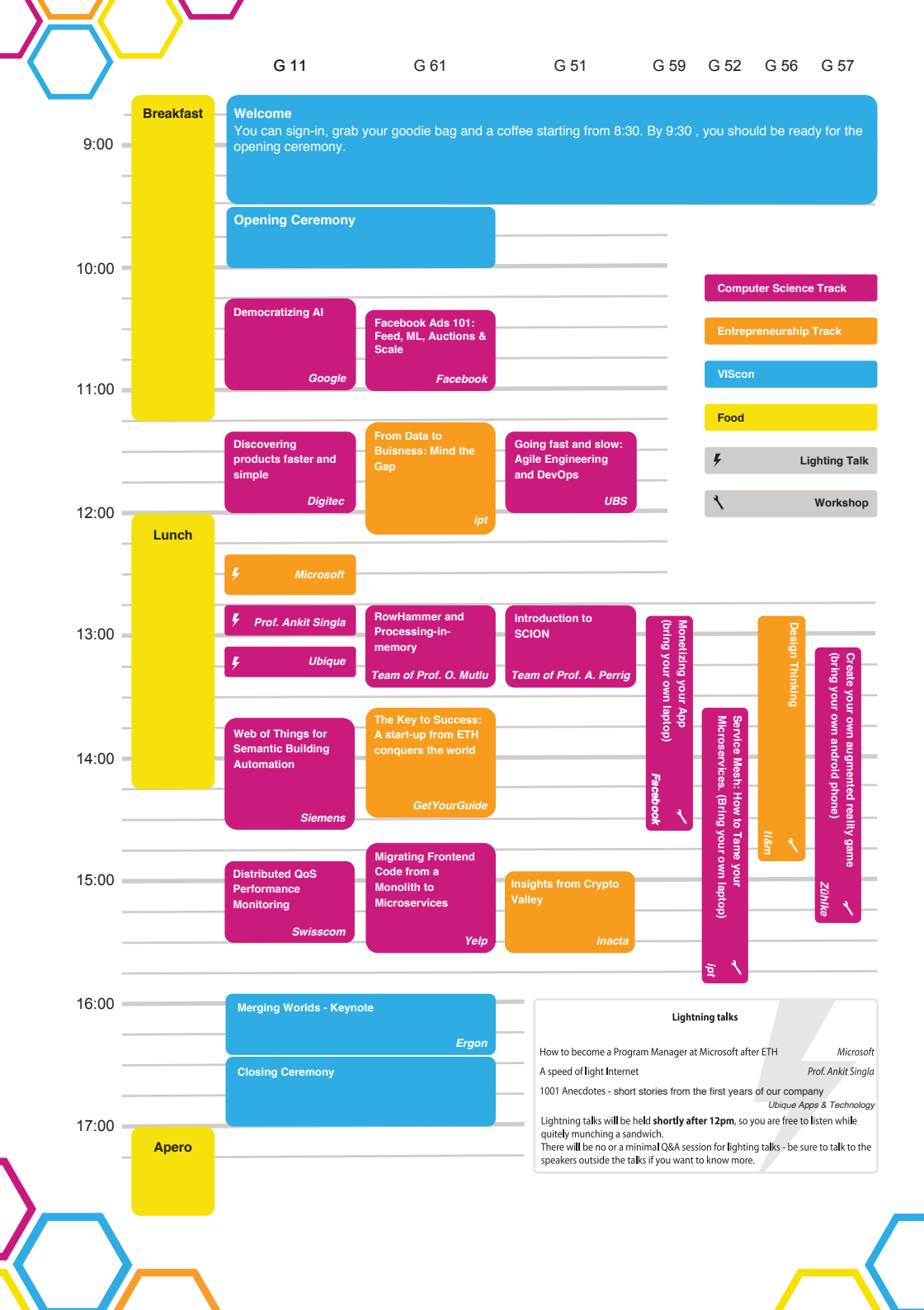
Get inspired, network, learn and most importantly: have fun!



Abhimanyu Patel

Program

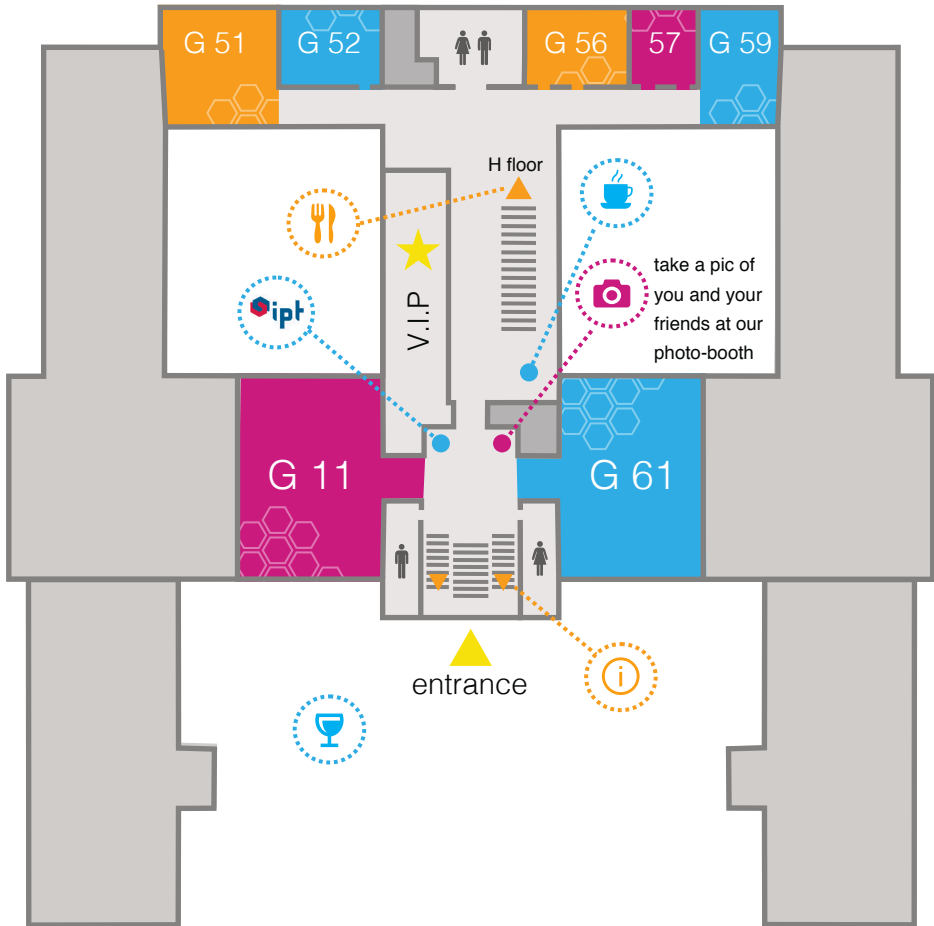




Map



G Floor



Visit our photo-booth and take a picture of you and your friends!



The Apéro will take place in the tent in front of the CAB Building.
(not pictured here)



Most of the food and beverages will be available throughout the day on floor H (like Hungry) but we will make sure that you will find some snacks and drinks on floor G as well in case you are in a hurry.



Breakfast

8:30 - 11:15

After registering, feel free to grab a drink and something to eat from the breakfast buffet



Lunch

12:00 - 14:00

we offer two possibilities to accommodate your needs (and tastes of course)

Option 1

*If you wish to take your time
and enjoy a warm meal then
go to food&lab on H floor*

**Zürcher Geschnetzeltes
(pork or seitan)
+ green salad & dessert**

Option 2

*We will also have a take
away offer that you can eat
while listening!*

**Diverse sandwiches and
salads you can choose
from + Dessert**

*for organizational reasons we ask you to stick to the lunch option that you
specified when registering*



Apéro

17:00 - 18:30

You are welcome to stick around after the talks to chill out or do some networking. The Apéro will take place in the tent in front of the CAB Building.



Most of the food and beverages will be available throughout the day on floor H (like Hungry) but we will make sure that you will find some snacks and drinks on floor G as well in case you are in a hurry.

Talks



Alex Sevostjanov



David Guerrero



✉ switzerland-tech-students@google.com

Democratizing AI

This talk is an introduction to Machine Learning and how we use ML at Google. Find out more about Google's Vision, Translation and Video Intelligence API, as well as the Cloud Machine Learning Engine.





Ovidiu Popa

✉ ehorton@fb.com

My name is Ovidiu and I'm from a town on the Black Sea coast. I did my undergrad in Romania and I then I got a master's degree from Cambridge University. I then worked in sunny Spain for 5 years in a social network called Tuenti. Three and a half years ago it was time to join the real thing, so I started in the Facebook London office. Since then my time was spent in working in ads ranking and integrity infrastructure.

Facebook Ads 101: Feed, ML, Auctions & Scale

This is a high level introduction to how your Facebook feed is built and how ads are inserted into it. We focus on presenting specific problems in the ads space and how we use machine learning and auctions to solve them. We also present scalability challenges that make ads infrastructure a very complex area.



Daniel Yu

✉ daniel.yu@ipt.ch

in daniel-yu-10140a134



is an ETH Alumnus and Consultant of ipt AG. He holds a master's degree in computer science from the ETH Zurich and specialised in his studies on Machine Learning. During his studies he was co-founder and developer for a web 2.0 start-up during its alpha phase, being in charge of the technological and product development aspects of the projects.

Yves Brise

✉ yves.brise@ipt.ch

in yvesbrise



is also an ETH Alumnus and Principal Architect at ipt AG. He received his PhD in Prof. Dr. Emo Welzl's group of combinatorial algorithms working on quadratic optimisation problems and generalisations thereof. After finishing his PhD in 2012, he fulfilled his longing to work in the real world, where real business happens. He has been working as a consultant in the Swiss IT sector ever since. He helps companies take the next step towards Data-Driven applications.



11:15

12:10

G 61

From Data to Business: Mind the Gap

Data is everywhere. Nonetheless, turning data into gold is a difficult task to achieve. Current advancements of Machine Learning, combined with Big Data and Artificial Intelligence technologies, open new doors for businesses. We are experiencing a strong demand in the market to be able to rely more on data-driven decisions. This holds for virtually every company, no matter from which industry vertical. But how do we actually deliver the value of these technologies to businesses? In this talk, we will discuss some well-known and not so well-known pathways to the goldmine. And we will also show some of the gaps and pitfalls of delivering data-driven solutions in the current IT market.



Mazda Hewitt

Going fast and slow: How agile engineering and DevOps are key to accelerating innovation and change in IT at UBS.

In an increasingly competitive world it's important that UBS has the capability to move fast and innovate, however like most large banks, UBS carries IT platforms that go back decades. In some ways this is a competitive advantage as these contain a huge wealth of functions and capabilities – on the other hand this complexity may slow innovation.

How does one maintain speed in such an environment?

My career in one sentence: I have worked from the front-office to the back office, business aligned to engineering aligned, but always with a deep technical focus.

I am passionate about technology because: It solves real problems while creatively challenging my brain.

My most difficult engineering challenge was: How to get eight Scrum teams to work on the same code base without breaking each other's code.

I am most proud of: Delivering a Business Process Outsourcing Project for Tax, where I built a new team, a new application and a continuous delivery pipeline in nine months to usable MVP in production.

Something you will not see on my CV: I love to cook – it harnesses a combination of geeky processes and creativity with instant feedback from the biggest critics in the world: My family.

**UBS**

Snigdha Joshi

✉ snigdha.joshi@digitecgalaxus.ch

in [snigdha-joshi-a5168721](#)



Discovering Products faster and simpler

Have you ever wondered, how Switzerland's biggest online shops – Digitec and Galaxus, enable you to discover products effortlessly and how exactly we empower our customers to find information and products in the ocean of more than 4 million products, 9000 journalistic articles and a huge community content. In this talk we'll touch on information-theory concepts and take a sneak peek on how exactly our search algorithm works.



Patrick Misteli

How to become a Program Manager at Microsoft after ETH

Becoming a Program Manager directly out of ETH at one of the world's tech giants, Microsoft, can be intriguing yet intimidating. After one year I can happily say, I enjoyed every step along the way and I'm here to show you how you can do the same. I will be sharing my journey including which parts of my studies (sometimes surprisingly) helped me better succeed in my role today. If you're interested in becoming a program manager and would like to know which parts of ETH can help you come and join me

Born in Switzerland, raised in South Africa and moved back to Switzerland to study CS. Outside of my studies I was a Trampoline Coach at ASVZ and was part of the organization committee for Challenge17. I also started a rock/metal band, My Rising Edge, and ended up playing in different venues of Switzerland including ESF and headlining SoNaFe twice. I finished my studies in September 2017 and received a job offer from Microsoft to become a Program Manager in Paris one month later





12:45

13:00

G 11

Ankit Singla

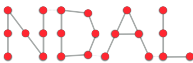
✉ asingla@ethz.ch

Ankit Singla joined ETH Zürich as an Assistant Professor in the Department of Computer Science in 2016. He holds a PhD from the University of Illinois at Urbana-Champaign in 2015, and a Bachelors degree from IIT Bombay, India, in 2008. He has received a Microsoft Azure for Research Award (2017) and a Google PhD Fellowship (2012). He is also an instructor for a popular massive open online course on Cloud Networking.



A speed of light Internet

Today's Internet is often tens of times slower than the fundamental speed limit, i.e., the speed of light in vacuum. My research addresses the grand challenge of building a speed of light Internet, and I will describe our exploration of free-space terrestrial and satellite networks that could achieve this goal, as well as the challenges that lie ahead.





1001 Anecdotes - short stories from the first years of our company

What started as a fun project between (or sometimes during) lectures at ETH quickly became one of the leading app companies in Switzerland, creating apps like SBB Mobile or MeteoSwiss. With a few short stories we will share insights into challenges from the first years of our company.



Marc Gschwend

ETH Alumni (Computer Science) co-founded Ubique in 2010



Marco Zimmermann

ETH Alumni (Computer Science / Visual Computing) joined Ubique in 2014

✉ info@ubique.ch

ubique  Apps & Technology

Piet De Vaere

✉ devaerep@inf.ethz.ch



Piet grew up in Bruges, Belgium, where he lived until he finished his secondary school (to the rejoice of some teachers).

He then moved to the Netherlands (to the regret of his mother), where he acquired a Bachelor of Science in Electrical Engineering from the Delft University of Technology. Not yet feeling like settling down (and chased away by the horrible dutch food), he decided to move to Switzerland and enrol in the Electrical Engineering and Information Technology master at ETH Zürich. One and a half years later he graduated, and because he was not yet fed up with the mountain view (and because he liked the food) he decided to stay in Switzerland. Having figured that out, he decided to berate his EE roots, and start a PhD in network security at the Computer Science department.

When not reading papers or RFCs, Piet likes to attend (and occasionally coorganize) various European hacker gatherings or fool around with electronics or other technology.

Juan Garcia Pardo

✉ juan.garcia@inf.ethz.ch



Juan was born in Valencia, Spain many years ago. He studied at the Universitat Politècnica de València and obtained his MSc in computer science, starting his PhD. in machine learning right after. During his studies he managed to teach at two (other) universities also in the same city, and worked to help in a variety of projects for different swiss companies, such as Swisscom or Lindt. That is when he discovered a bit of Switzerland, and decided he would not finish his PhD. studies but move to work in R&D for Leica Geosystems in Sankt Gallen.

He discovered and read about SCION in 2017 and joined the group in 2018, to help with this fascinating project. He co-operates SCIONLab.

check out our website: <https://www.scion-architecture.net>
and sign up to our mailing list: scion@lists.inf.ethz.ch

SCION

SCION and why it matters

The Internet has not been designed for high availability in the face of malicious actions by adversaries. Patches improving security and availability are constrained by the current Internet architecture, business, and legal aspects.

To address these issues, we propose SCION, a next-generation Internet architecture that is secure, available, offers privacy and considers economic and policy issues at the design stage. We have implemented SCION and deployed it worldwide as a global testbed called SCIONLab, which consists of more than 20 collaborators including research institutions, companies and ISPs. Explore today all the desirable properties that the next-generation of Internet provides.

Onur Mutlu

✉ onur.mutlu@inf.ethz.ch



Onur Mutlu is a Professor of Computer Science at ETH Zurich. He is also a faculty member at Carnegie Mellon University, where he previously held Strecker Early Career Professorship. His current broader research interests are in computer architecture, systems, and bioinformatics. He obtained his PhD and MS in ECE from the University of Texas at Austin and BS degrees in Computer Engineering and Psychology from the University of Michigan, Ann Arbor. He started the Computer Architecture Group at Microsoft Research (2006-2009), and held various product and research positions at Intel Corporation, Advanced Micro Devices, VMware, and Google. He received the inaugural IEEE Computer Society Young Computer Architect Award, the inaugural Intel Early Career Faculty Award, US National Science Foundation CAREER Award, Carnegie Mellon University Ladd Research Award, faculty partnership awards from various companies, and a healthy number of best paper or "Top Pick" paper recognitions at various computer systems and architecture venues. He is an ACM Fellow "for contributions to computer architecture research, especially in memory systems" and an elected member of Academia Europea. For more information, please see his webpage at <https://people.inf.ethz.ch/omutlu/>.

Juan Gómez Luna

✉ juang@ethz.ch



Juan Gómez Luna is a postdoctoral researcher at ETH Zürich. He received the BS and MS degrees in Telecommunication Engineering from the University of Sevilla, Spain, in 2001, and the PhD degree in Computer Science from the University of Córdoba, Spain, in 2012. Between 2005 and 2017, he was a lecturer at the University of Córdoba. His research interests focus on Processing-in-Memory, GPUs and heterogeneous systems, medical imaging, and bioinformatics.

SAFARI

Processing Data Where it Makes Sense: Enabling In-Memory Computation

Today's computing systems are overwhelmingly designed to move data to computation. This causes inherent performance and energy bottlenecks, as data movement is very expensive in terms of bandwidth, energy and latency. At the same time, conventional memory technology is facing many scaling challenges not only in terms of energy, and performance, but also reliability. For instance, the DRAM technology suffers from the RowHammer problem, as we discovered. RowHammer is the phenomenon that repeatedly accessing a row in a DRAM chip predictably causes errors in physically-adjacent rows, what causes a widespread system security vulnerability. As a result of such serious technology challenges, memory system architects are organizing memory in different ways and making it more intelligent. The emergence of 3D-stacked memory plus logic is an example. In this talk, after describing challenges faced by modern memory systems, we will present two promising directions to practically enable computation close to data, processing-in-memory (PIM), to accelerate important data-intensive applications and improve energy efficiency: (1) performing bulk operations in memory by exploiting the analog properties of DRAM, (2) exploiting the logic layer in 3D-stacked memories. Our focus will be the development of PIM designs for real computing platforms and data-intensive applications, such as machine learning, graph processing, and genome analysis.



Tobias Rein

✉ rein@getyourguide.com

 [tobias-rein](#)

The Key to Success: A Startup from ETH conquers the world

Tobias will share the founding story of GetYourGuide and provide his insights on the keys to build a company with more than 400 employees.

Why did GYG move its headquarters to Berlin? What are the technical challenges of a growing company? What does a student need to learn outside their courses to be a successful engineer? These are only a few questions Tobias will answer with his colorful and insightful presentation.

He grew up in the greater Zurich area and studied Electrical Engineering at ETH Zurich.

While working on this doctoral thesis, Tobias Rein joined Johannes Reck, Tao Tao, Martin Sieber and Pascal Mathis to found GetYourGuide in 2009. Currently, he has a leading position in the company's Zurich office, which is responsible for core platform engineering operations.

GetYourGuide has since grown into the premier site to book travel experiences across the globe. Travelers from more than 155 countries have booked over 18 million tours, activities and sightseeing tickets with GetYourGuide. Now headquartered in Berlin, GetYourGuide has a global team of over 420 in 14 locations around the world.

**GET
YOUR
GUIDE**

G11

13:40

14:35

Matthias Kovatsch



✉ matthias.kovatsch@siemens.com

in [matthias-kovatsch-a13783b6](https://www.linkedin.com/in/matthias-kovatsch-a13783b6)

Matthias Kovatsch is a Senior Research Scientist at Siemens Corporate Technology in Munich, Germany and is dedicated to build a Web of Things around networked embedded systems, large-scale distributed systems, and RESTful environments. He is an alumnus of ETH Zurich, where he created the Eclipse Californium (Cf) CoAP framework, Contiki's Erbium (Er) REST Engine, and the Copper (Cu) Firefox add-on. With his passion for R&D, open source software, and open standards, he is active in the Eclipse Foundation, the IoT Directorate of the Internet Engineering Task Force (IETF), and the World Wide Web Consortium (W3C) as co-chair of the Web of Things Interest Group as well as Working Group.

Ganesh Ramanathan



✉ ganesh.ramanathan@siemens.com

in [ganesh-ramanathan-41b93018](https://www.linkedin.com/in/ganesh-ramanathan-41b93018)

Ganesh is a software architect in the field of Building Automation systems and works for Siemens Building Technologies at Zug, Switzerland. The subject of his Master's thesis at ETH Zurich on using Web of Things in the automation systems domain resulted in one of the largest projects involving semantic technologies at Siemens Building Technologies.

SIEMENS

Ingenuity for life

Web of Things for Semantic Building Automation

We applied Web of Things in the domain of Building Automation and in this talk we will introduce you the principles behind the approach and our experiences with its commercial implementation.

Building Automation systems present a particularly difficult problem when it comes to device interoperability. Devices such as sensors, interoperate only when they adhere to one of many standards. Yet even then, they usually do not provide the desired semantic interoperability, where devices would for example not only exchange messages, but also become aware of each other's context.

This problem is widely visible in the growing field of IoT, where more and more devices are becoming “connected.”

The Web of Things (WoT), which has its roots at the Institute of Pervasive Computing at ETH Zurich, is a promising approach to solve the problem of both technical and semantic interoperability.



Sen Sun

 sen@yelp.com

Originally majored in Urban Planning, she is fascinated by the endless possibilities provided by the Web and now works as a Software Engineer at Yelp.

Migrating Frontend Code from A Monolith to Microservices

As the business requirements for Yelp for Business Owner Application change constantly, our old frontend stack built on top of Google Closure and jQuery is no longer the best choice.

As one of the feature teams, we want to migrate our frontend code to a frontend service built on top of the React ecosystem to ease future development and deployment.

But a big bang rewrite is not a option. How should we build the bridge between the old tech stack and the new tech stack? How should we combine new feature development and migration? How can we guarantee the functionality won't be changed and no bugs get introduced by the migration?



Manuel Widmer

✉ manuel.widmer@swisscom.com

in manuel-widmer



Manuel Widmer is an Engineer in an agile DevOps team at Swisscom AG, where he works in the following areas with the following tools: Network Function Virtualization (NFV) and OpenStack engineering, development of test automation with Ruby and Java, performance and scale testing, integration of network element management systems. In addition he also has experience as Scrum-Master and deputy Product Owner.

Distributed QoS Performance Monitoring and a network outage

Massive bandwidth usage increase generated by Swisscom TV drove the need for an improved performance and QoS monitoring system for our aggregation networks. The requirement to collect short-term peak bandwidth rates led us to build our own distributed monitoring system which was able to scale with our networks. I want to share our experiences and challenges building such a system as well as how it's related to a switzerland wide network outage one year after its deployment.



swisscom



Christian Di Giorgio



@thelegendofk2



christian.digiorgio@inacta.ch



christiandigiorgio

Insights from Crypto Valley: Bridging your business in blockchain

In our daily work with innovators, entrepreneurs and decision-makers, some questions come up more often than others. Why blockchain? What problem does blockchain solve? What impact does blockchain have on our markets and our actions?

The talk will provide answers to these key questions about blockchain.

Moreover, there is an increasing interest in token-based business models.

Tokens provide many opportunities, but also involve risks. The talk will discuss the different types of tokens and their uses. Token events such as Initial Coin Offerings (ICOs) and the current regulatory challenges are also highlighted.

Christian Di Giorgio has a particular talent: he purposefully transforms business requirements into digital solutions. As a computer scientist and business engineer, he knows both worlds. Over the last two decades, he has designed ICT architectures for complex IT challenges. After his career with IBM and Swisscom, he is now at Inacta where he is active as a blockchain consultant for large enterprises and start-ups in Crypto Valley. Customers value Christian's IT expertise and experience, especially in the challenges of integrating blockchain applications into existing IT environments. Christian is the co-author of the book "Live from Crypto Valley".

inacta

• managing your information

Workshops





12:50

14:35

G 59

bring your own laptop

Matias Gavinowich

 ehorton@fb.com



I am Matias, I started working in software engineering in 2002 in a variety of industries, based in Argentina. In 2014 I relocated to London to work at Facebook. Since joining, I've worked on the advertiser and the user experiences of our ads both on and off Facebook. I enjoy sharing experiences and knowledge (taught at University for 13 years) and I have a passion for elegant systems design.

Monetising your App

After this session attendees will be able to use the contents learnt to begin the process of monetizing their own assets. It will focus on concepts of making money from an app or website through advertisements. We will also walk through a common integration.





Stephanie van Ophuisen



@vanjografix



stephanie.vanophuisen@ti8m.ch



stephanie-van-ophuisen-8413a398

Steffi is a Senior Interaction Designer from Zurich, believing that human centered design is the key to an excellent User Experience and product.

After graduating in Communication Design at FADK (Frankfurter Academy of Communication and Design) in Frankfurt am Main, she moved to Zurich to start her career in various advertising agencies. She intensified her knowledge for on- and offline campaigns with several advanced trainings in Switzerland and Europe. After 8 years of intense advertising work, she started a new challenge in the IT industry to dive deeper into digital transformation, User Centered Design and technology based topics. Her latest degree is the Certificate of Advanced Studies in Human Computer Interaction Design «Requirements Engineering» (University of Rapperswil).

If you don't meet her on a cultural event in or around Zurich, you will probably find her on the motorbike, on the golf court or at a Schwingfest.



Daniel Graf



@daegraf



daniel.graf@ti8m.ch



daniel-graf-151766113



Daniel is a Senior UX Designer from Zurich, believing in power of UX-Design, prototyping and coding. He started his career with an engineering degree from ZHAW Zurich University of Applied Services, increased his knowledge in Business Administration and Project Management (EMBA, ZHAW) and has a Master Degree of Advanced Science in Human Computer Interaction Design (MAS hcid University of Rapperswil and Basel). With over 25 years of experience in software solutions, he drives projects forward, people together and makes users happy. For many years, he worked as contractor and developer with his own company around Zurich. Now he is Senior UX Designer at ti&m, Zurich.

You'll find him often in the lake of Zurich and at other dive-spots around the world. His passion for scuba-diving led him to the level of Advanced Open Water Instructor and he loves to take underwater pictures and videos since many years.



12:50

14:50

G 56

Design Thinking

From the problem to the validated, digital prototype in under two hours! Learn how to create multidisciplinary product ideas and validate ideas!

Be inspired and get to know the interplay of different tools such as Design Thinking, UX and agile approach. In this way, you quickly become innovative, create better solutions and gain a strategic advantage.

G 57

13:05

15:20



Beni Bachmann



benjamin.bachmann@zuehlke.com



benjamin-bachmann-29900b42



@BeniBachmann

Passionate software engineer and Extended Reality (XR) enthusiast.
Working mostly in Augmented Reality projects for HoloLens and Android as well as teaching XR workshops.

2002 Informatikmittelschule
(IMS) Kantonsschule Büelrain, Winterthur
2006 Studies: Bachelor of Science in
Computer Science, ZHAW Winterthur
2009 Fluxim AG Winterthur, Software
Engineer Java/C++
2014 Zühlke, Software Engineer
Java/JS/Unity

Simon Flepp



simon.flepp@zuehlke.com



simon_flepp

2017 Zühlke, Software Engineer Java/JS
2015 Inware AG, Web-Entwickler
2013 – 2017 Bachelor of Science in
Information Technology, ZHAW School of
Engineering, Zurich
2011 Hamilton Bonaduz AG, IT Platform
Server Administrator
2007 Apprenticeship: Hamilton Bonaduz
AG, Informatiker EFZ

zühlke
empowering ideas



13:05

15:20

G 57

bring your own Android Phone


Create your own Augmented Reality Game

In this two hour hands-on workshop you will learn the essentials of Unity, the popular cross-platform game engine with AR support. After a brief introduction to the topic you will create an interactive AR experience and finally run it on your own smartphone. Apart from a basic understanding of programming no prior knowledge is required. Please bring an Android Phone with you if possible.



Matthias Geel



 matthias.geel@ipt.ch

 [matthiasgeel](https://www.linkedin.com/in/matthiasgeel)

Matthias Geel is an ETH Alumnus and former PhD student in the Information Systems group led by Prof. Moira Norrie (Computer Science Department). He is currently working as a Senior Consultant @ ipt AG on projects that develop information systems with a high degree of distribution and concurrency. His current technological focus is on building scalable systems using container technologies, service orchestration, infrastructure as code and event-driven architecture.





13:35

15:35

G 52

bring your own laptop

Service Mesh: How to Tame your Microservices

In this hands-on workshop, students will learn how to build a microservice-based application using a Service Mesh. A service mesh is an emerging technology for cloud-native applications that enables microservices to communicate with each other without having to implement basic capabilities such as service discovery, load balancing, resilience etc. themselves.

In particular, students will learn about the following crucial functionalities:

- Service Discovery: How are distributed microservices able to find each other?
- Service Configuration: How can services retrieve their individual configuration at runtime?
- Service Segmentation: How does authorization work with autonomous services?

The hands-on exercises are based on the open source product HashiCorp Consul 1.2 which was release in June 2018.

Keynote



Robert Adelman



@robadelmann



robert.adelman@ergon.ch



robert-adelman



Merging Worlds

Robert is an ETH alumni bridging the technology, business and design world. His passion is Human Computer Interaction - HCI - in an increasingly merging real and virtual world, specifically AR and the potential of AI, with over 12 years of experience: From applied research at ETH and MIT, to being a co-founder and the developer of the core computer vision technology behind the ETH start-up Scandit AG. Robert was also responsible for the mandated development of the start-up EyeFitU AG, is a lecturer at HSR and HSLU, as well as head of User Experience and Augmented/Mixed Reality at Ergon Informatik AG.

Driven by AR, AI and IoT the physical and virtual world are merging. The increased pace of innovation blurs the line between academia and industry, and emerging interdisciplinary job profiles bridge the technology, design and business world. Opportunities for computer scientists and entrepreneurial spirits ready to start a career have never been better. This talk provides insights into the current state of augmented reality in the industry and along the way concrete examples of these opportunities and lessons learned since leaving ETH - not from lectures, but from reality.

ergon

Sponsors & Partners

A big THANK YOU to all our very
awesome sponsors and partners
without whose support we could
not have made VIScon a reality!

Main Sponsor

ipt - Innovation Process Technology



We are a swiss IT consulting company. Despite being on the market for more than 20 years, we have retained our start-up mentality: 120 people. Flat hierarchy. Lots of fun!

We develop innovative, integrated software solutions on-site and together with our customers using leading-edge technologies. Our focus topics are data-driven businesses, process digitalization, cyber security and agile organizations. Our people define who we are! Employees are our backbone, and everyone can contribute. We share our knowledge and support each other. We cherish our team spirit. We are ONE Team!

We are thrilled about VIS' engagement for students and with the industry! VIScon offers the participants the opportunity to share, interact, and connect within a community, which is also what we aspire at ipt! We have several ETH graduates who had a hard time imagining what a Computer Scientist does in practice during their studies. Through VIScon we want to actively help building bridges between theory and practice. Yves Brise, Matthias Geel, Daniel Yu, and Daniel Strebel will be on-site to answer your questions about technical challenges and to give you insights about their daily life.

We are looking forward to meeting you. It's all about sharing!



Main Sponsor Ergon

Since its founding in 1984, Ergon has been closely following technological trends and specializing on building individual softwares for clients from different industries. Including software products for IT-security, Telecom companies as well as Workforce management. Ergon built the first swiss E-Banking, was the first «Authorized Java Center» in Europe, built mobile application before smartphones even existed and belonged to one of the first swiss companies that successfully implemented projects in IoT.

We were also repeatedly distinguished as one of the best swiss employer.

Ergon is involved with numerous activities to promote young talents in computer science. Our goal is to inspire young people for our industry and our profession. Whenever possible, we use the opportunity and offer insights into our everyday work and our projects and exchange with students.

We have been supporting the VIS for many years and we are glad to be the partner of the first VIScon!

Co - Sponsor Zühlke



Innovation is key at Zühlke. We inspire our customers and turn visions and ideas into real-life results, applying cross-industry experience and our extensive expertise in business and technology. We combine our knowledge of engineering and IT, opening up new paths for our customers and implementing our projects quickly and reliably – and sometimes in unusual ways. The focus of our attention is always on the customer's success, even after we have finished a project. We take responsibility for the products, services, and business models of the digital future.

Co - Sponsor eZürich

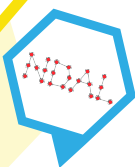


Food - Sponsors

Big Thanks to **Frey Chocolat**, **Emmi**, **Aproz & Innocent** for providing some food & beverages to VIScon!

Thank you





VIS con
SYMPOSIUM
HACKATHON

Team





Max
president



Marilou
sponsoring



Abhimanyu
symposium



Ben
hackathon



Andreas
infrastructure




Alessio
catering



Aleks
marketing



Tim
staff



VIScon is brought to you by



For the more than 1,600 Bachelor and Master students of Computer Science, Data Science and Computational Biology and Bioinformatics at ETH Zurich, VIS is the first point of contact for events, excursions, support during their studies and university political representation towards the Department of Computer Science of the ETH.

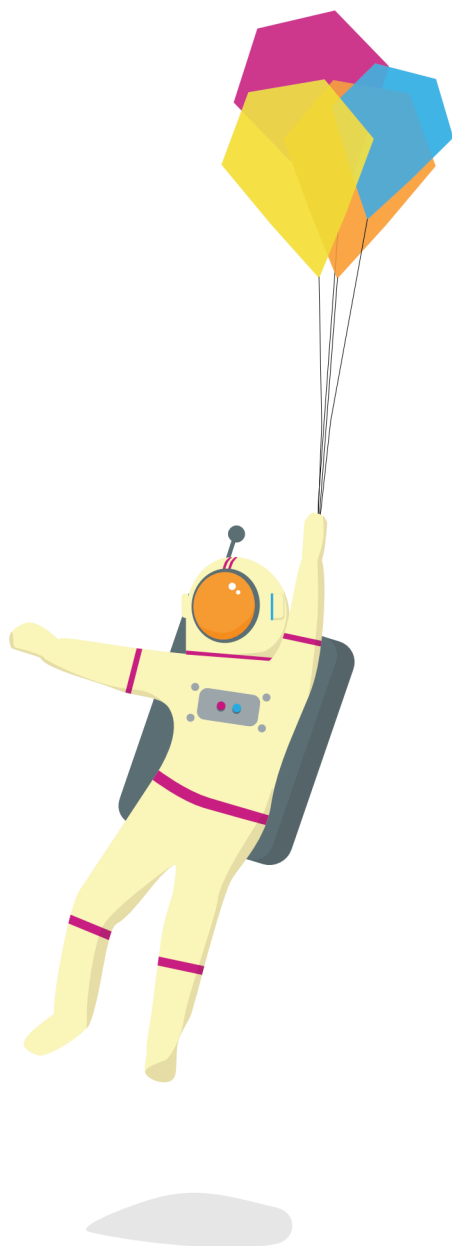
All these services, from welcome weekends for first-semester students, through exam preparation courses for the most important exams, to the largest academic job fair for computer science in Switzerland, are organized entirely on a voluntary basis by around 230 students alongside their studies.

VIS is part of the VSETH, the umbrella organization of all student organizations at ETH, which represents the more than 20,000 students towards the university in terms of university politics and, like VIS, is omnipresent in student life outside the lecture halls.

Email: vis@vis.ethz.ch
Adresse: VIS-Verein der Informatik Studierenden
CAB E31
Universitätstrasse 6
8006 Zürich
Auflage: 300

v**eth** **Fachverein**
Verband der
Studierenden
an der ETH





VIS con
SYMPOSIUM
HACKATHON