



Abstracts and Biographies

MONDAY, 19 April 2021

14:00-14:10

Welcome & Opening

Mr. Peter Groth - President - GUIDE SHARE EUROPE

Mr. Jean-Michel Corrieu - Director IBM Global Industry Solution Center Nice

14:10-14:40

New acceleration Garage at IBM – Garage Methodology

Franck Boudinet - CTO IBM Garages Europe, France

Abstract

Franck will describe how the Garage approach is being used by enterprises of various sizes, helping Line of business & CIOs to innovate faster leveraging Cloud & AI technologies, to modernize some of their applications or optimize the way they manage them in hybrid & multi-clouds environments. He will also cover how this new method is being embraced across the board for the benefit of IBM customers & partners.

Biography



In his current role as the IBM Technology Garage CTO for EMEA, Franck Boudinet engages with enterprises across Europe & Middle East Africa looking for transformation with rapid and tangible results to innovate leveraging IBM Cloud and AI technologies & services as well as Red Hat open sources products.

- Creating Hybrid and multi-Clouds Management platforms with open source like Terraform and Ansible to bring value combining devops, infrastructure as code, monitoring & AI to sustain and secure customers' digital transformation

- Modernising "monolith" applications to embrace micro-services architecture and drive more agility or
- Delivering cloud natives solutions that leverage technologies from one or a combination of the following areas: Web & Mobile apps or/and API exposures, Cognitive "off the shelves" services or design & training of specific AI Models including Neural Networks/Deep Learning ones, Blockchain or Internet of Things, is what keeps him busy!

His passion is to work with a line of business to create and design new innovative solutions in the early, pre-sale phases of projects but also to drive delivery together with IT teams and developers with Agile & eXtreme programming techniques. During the last ten years, he has been helping many companies to optimize their business or grasp new opportunities with Hybrid Cloud or/and AI solutions in Retail, Insurance, Transport, Telco, Aerospace & Pharmaceutical industries. Throughout his experience as a former developer at IBM and the Silicon Valley, and later as a certified solution architect and technical leader at IBM, Franck is convinced that being open-minded & being a trusted partner are essential values.

14:50-15:20

Hybrid Cloud – AI and Cognitive Analytics from Headquarters to the Edge

Marc Fiammante - IBM Fellow, France

Abstract

Edge computing is going to become as big as cloud computing is today. The opportunity offered by embracing cloud standards and practices at the edge is one of agility and lower cost. Sense making at the edge highlights opportunities before they are lost to the edge user's advantage.

However, there are significant challenges that include security, varying sensitivities of data security, interoperability, lack of network coverage and form factor.



Abstracts and Biographies

Biography



Marc Fiammante is an IBM Fellow, Global Chief Technology Officer for governments at IBM and Executive Advisor to multinational organizations. With his team he is supporting governments with their path to Hybrid Cloud and Cognitive targeting the eGovernment 4.0 digital transformations.

Marc is a master inventor with 17 patents, author of 2 books on SOA and BPM, several articles, and is member of the ISO/AFNOR SC42 on Artificial Intelligence.

LinkedIn: www.linkedin.com/in/marc-fiammante

15:45-16:15

What's next in Computing? From bits to qbits

Olivier Hess - IBM Quantum France Leader & Quantum Ambassador - Executive Technical Leader, France

Xavier Vasques - Director of WW IBM Garage for Systems - Distinguished Data Scientist, France

Abstract

The data center of tomorrow is a data center made up of heterogeneous systems, which will run heterogeneous workloads. Heterogeneous systems will be equipped with binary, biologically inspired and quantum accelerators. These architectures will be the foundations to address challenges. Like an orchestra conductor, the hybrid cloud will make it possible to set these systems to music thanks to a layer of security and intelligent automation. How to rethink computing in the future and next generation computing. This presentation explores the quest for new materials, devices and architectures to radically change what it means to compute.

Biography Dr. Olivier Hess



Dr. Olivier Hess joined IBM in 1990 as a Technical Presales Specialist. For more than 10 years, he has been involved in scientific computing on IBM platforms, working closely with public and private organizations for France. In 2000, Olivier joined IBM Montpellier as Technical Leader of the European High-Performance Computing (HPC) Centre and was involved in numerous requests for proposals, scientific benchmarks and research & development projects. He extended his responsibility in 2011 as Chief Technical Officer of the "IBM Innovation Lab", a department devoted to Smarter Cities Solutions, BigData and Analytics and R&D projects.

Since 2017 he is member of the IBM Quantum Computing Team Europe as "IBM Quantum Ambassador" working closely to IBM Research and the worldwide team. He is leading the IBM Quantum France activities and the strategic partnerships.

Olivier is IBM Professional Certified and is co-Chair of the IBM France Technical Professional Council (TPC).

Background: PhD Thesis in Quantum Chemistry, Paris VI University, France, 1989

Biography Xavier Vasques



Xavier Vasques received a bachelor's degree in Mathematics and a Master of Science in Mathematics from the University of Pierre et Marie Curie co-habited Ecole Normale Supérieure and Ecole Polytechnique (France). He also received a Master of Science in Computer Science from the Conservatoire National des Arts et Métiers (France) and a Ph.D. in Neurosciences from the Montpellier Faculty of Medicine (France). During his PhD, he investigated the mechanism of action of deep brain stimulation in the treatment of movement disorders syndromes through mathematical and physical models. In 2013, Xavier joined the Ecole Polytechnique Fédérale de Lausanne (EPFL) in

Switzerland as researcher and head of both, the Data Analysis section and the Brain Atlas section, for the Blue Brain Project and the European Union funded Human Brain Project in the Neuroinformatics division. Xavier has held different positions since he joined IBM. He currently is Director of the IBM Garage for Systems, a worldwide technical team with the capability to provide deep expertise all over the planet on current and next generation technology. Xavier is also member of the IBM Academy of Technology and certified Distinguished Data Scientist.



Abstracts and Biographies

16:20-16:50

AI Ops and Service Management - let us be a bit more AGILE!

Harald Biedermann - Team Leader Monitoring & Event Management, ÖBB-Business Competence Center GmbH, Austria

Abstract

Managing applications, services and infrastructure requests always more speed - reduce the time to solve a problem and prevent problems in the future! New platforms, virtualizing and cloud, pushes additional agility to operations which brings old tools often to their limits. If you are interested in IT operations, you may have heard from AI Ops (**Artificial Intelligence Operations**). A base functionality of AI Ops is the intelligent import of data, the management of real time and historical data, finding of context with topology information and detection of failures.

The Business Competence Center of the Austrian Railways manages more than 1500 Services in a complex heterogeneous environment, serving most of the ITIL disciplines. We will show how AI Ops helps the Austrian Railways on their way to an automated service operation. We explain how to get the right context with a combination of static and dynamic service and infrastructure topologies to solve problems faster. We will demonstrate how to integrate agile environments in the existing architecture to reuse well-known processes.

Biography



Harald Biedermann has been working in the IT business at the Austrian Federal Railways for more than 30 years. He started as a host system programmer and dealt with systems management early on. Since 1999 he has been responsible for a wide range of system and service management products from various manufacturers, and their integration into overarching solutions.

He is leader of the Austrian Tivoli User group since 2006 and IBM Lifetime Champion since 2019.

TUESDAY, 20 APRIL 2021

14:00-14:10

Welcome & Opening

Mr. Peter Groth - President - GUIDE SHARE EUROPE

Mr. Jean-Michel Corrieu - Director IBM Global Industry Solution Center Nice

14:10-14:40

Container Technologies & Transformation Value

Mihai Criveti - CTO Cloud Native and Red Hat Solutions, IBM, Ireland

Abstract

An overview of Application Modernization through Cloud Native, DevOps and Container plays to drive business value. How containerization leads to automated operations and faster time-to-market. Day-in-the-life: what does container adoption look like for different personas and points of view. How can organizations adopt a cloud native approach that supports their business and existing investment.

Biography



Mihai Criveti is the CTO and a Senior Technical Staff Member for Cloud Native and Red Hat Solutions, and Synergy GTM leader at IBM supporting clients with solutions based on Red Hat portfolio, cloud and Open Source technologies. He is a Red Hat Certified Architect, member of the IBM AoT and an advocate for Open Source development.

<https://www.linkedin.com/in/crivetimiha>

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<https://github.com/crivetimiha>



Abstracts and Biographies

14:50-15:20

Architecting the Future with IBM Technology

Thomas Harrer - IBM Distinguished Engineer, CTO Server & Storage, IBM Technology Technical Sales EMEA, Germany

Abstract

Technology continues to shape our economy and our life's. Exponential efficiency gains for compute, data and networking enable broad digital evolution and revolution. This happens not only in data centers but also at the edge. Data is fundamental to that, but it is also about intelligence. A Hybrid Cloud and AI platform is helping clients to innovate with data and intelligence while leveraging existing mission critical systems and using intelligence from a broad ecosystem - that enables more value. With the right platform as well as server and storage technologies, companies and organizations can build a differentiating architecture for their future.

Biography



As a Chief Technology Officer, Thomas Harrer and his team deliver innovation with hybrid cloud and AI, leveraging all types of data and evolving the technology to enable clients to address new digital business ideas. With a strong foundation in computer/data science and extensive experience in IT infrastructure and technology, Thomas enjoys bringing different elements together to build the architecture of the future. He loves to discuss technology, trends, AI, data, blockchains and architectures for mission critical hybrid cloud solutions.

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LinkedIn: <http://de.linkedin.com/in/thomasharrer>

15:45-16:15

Pupils shape our future with AI

Dr. Caroline Schmidt - Coordinator Federal AI Pupil Competition, Eberhard-Karls-University Tuebingen, Germany

Abstract

In her talk, Dr. Caroline Schmidt will give insides on the current educational situation with respect to IT at public schools and the interest of young people in AI. She will also present a selection of the projects that have been realized during the competition, some of which already led into Start Up formation.

Biography



By training, Dr. Caroline Schmidt is a Geoscientist. After 10 years in science, she moved to the field of AI where she is coordinating outreach activities, especially the Federal AI pupil competition.

16:20-16:50

Session tba