RDK GLOBAL SUMMIT 2021

September 14, 2021

Speaker Bios

Glee Abraham, Technical Operations & Engineering, *RDK*
Glee oversees RDK Technology Operations & Engineering including maintenance of wiki, code management, contributions, compliance, validation, releases, documentation, technical support & training. A part of the RDK team since 2013, Glee also oversees the engineering efforts to develop test tools, reference platforms and the pre-integrations of RDK.

Amit Bagga, VP, Entertainment & AI Technology, *Comcast*
Amit Bagga serves as Vice President of Entertainment and AI Technology at Comcast.   In this capacity, Amit manages all the technology that powers our video products (X1, Flex, and Stream) including the Metadata and Content Discovery platforms, including Comcast's Voice Remote. In addition, Amit manages the Applied AI/ML Center of Excellence for Comcast that develops algorithms using Artificial Intelligence and Machine Learning techniques to enhance Comcast's products. The work done by Amit's teams has been instrumental in Comcast winning two technical Emmy awards, the first for Personalization in 2013, and the second for the Voice Remote in 2017. Amit joined Comcast in 2007 as Senior Director of Research and Development.

Amit holds a Bachelor of Science in Computer Science and Mathematics from Manhattanville College and a Ph.D. in Computer Science from Duke University.

Alex Ball, Director of RDK-B Development, *Deutsche Telekom*
Alex Ball recently joined Deutsche Telekom Group to head up their RDK Factory, having previously led RDK initiatives for Liberty Global. Alex has more than 25 years of experience in the communications sector, having worked primarily for Multi Service Operators on B2C Video and Broadband products. Alex has been an active participant in the RDK community for Video and Broadband since its start as a community.

Pedro Bandeira, VP, Product and Future Business Development, *Deutsche Telekom*
Pedro Bandeira has over 20 years of experience in TV and Broadband in the Telco and Cable industries. Pedro has also been running software development programs in the Telecommunications industry for TV and Broadband for over 15 years. He is a fan of innovations and creativity, always pushing the barrier on what can be done. Pedro is currently working on the next generation on TV and Broadband products for DT, very focused on customer centric experiences, leveraging innovations, new technologies and convergency of services. The vision is all content, everywhere, with full control by the customer and always expanding the experience to new products (like smartHome) and new customer touchpoints (like voice). Pedro is currently VP of Product and new business for DT Europe, pushing fixed services transformation across different markets in Europe.

Jason Briggs, President, *RDK*

Jason Briggs is the President of RDK Management, a joint venture established by leading communication service providers to manage the RDK as open-source software used to power video and broadband devices. In this capacity, he oversees all aspects of the RDK open-source software consortium, supporting a community of more than 500 technology companies including service providers, hardware manufacturers, software developers, and system integrators. Mr. Briggs was instrumental in the global growth of RDK to more than 30 service providers and 80 million device deployments worldwide.

Jose Ramon Diaz Martinez, Director, Solution Architecture, *RDK*

Jose Ramon joined the RDK team as Director of Solution Architecture the 1st of April of 2021, where he is working with our broadband partners to create common technical solutions for the RDK-B community and providing guidance in the design and evolution of RDK-B, that will facilitate the adoption of new services. Over the last 20 years Jose Ramon has held relevant technical positions in companies such as Siemens, Nokia, Alcatel-Lucent, Tekelec and Tele2, where he was designing, developing, and deploying solutions in mobile, access, core, and triple play networks. Most recently Jose Ramon was working as RDK-B Software Architect at Liberty Global for the last five years before joining the RDK team.

Labeeb Ismail, SVP, Device Software, *Comcast*

Labeeb Ismail runs the CPE software team for Comcast. His team is responsible for development, testing, deployment and field operations of RDK across all Comcast devices including Video Gateways, Wifi Gateways, Video client devices, Cameras, Remote Controls and Home Security devices. He was one of the initial members of Comcast's X1 team that created RDK, and later worked to open it up to the community.

Yvette Kanouff, Partner & CTO, *JC2 Ventures*

Yvette Kanouff is a Partner of JC2 Ventures. Yvette headed the $7B service provider business at Cisco Systems, and she held CTO and President roles at various companies in the telecommunications industry. Yvette pioneered technologies instrumental in creating video streaming, MPEG standards, encodin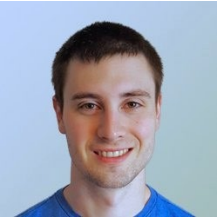g standards, content distribution networks, and the DVD. She has received numerous industry awards including the 2020 Lifetime Achievement Emmy for Engineering and Technology. Yvette holds several patents, is on various company and industry boards, and she is an active participant in industry organizations, standards bodies, and leading industry technology efforts including 5G, digitization, cloud, cybersecurity, media, and artificial intelligence.

Xavier Leclercq, VP, Business Development, *Broadpeak*

Xavier Leclercq has more than 15 years of international experience in the video industry, with expertise in consulting and selling technology to content owners and network operators across the globe. Xavier currently drives the business development strategy at Broadpeak, one of the leading providers of video delivery technologies like CDN, Cloud DVR and multicast ABR. Prior to joining Broadpeak, Xavier developed the video business of Nokia, Alcatel-Lucent, and Akamai. He is originally from France and resides in London, UK.

Mark McDowall, Software Engineer, *Plex*

Mark is responsible for developing and supporting Plex's web-based TV application for a growing number of Smart TVs, gaming consoles and set-top devices, built with the Lightning JavaScript framework.

Over the past eight years, Mark has developed and maintained web applications for both desktop and TV, with a focus on performance and compatibility with existing and emerging platforms. His professional experience includes building and supporting software and infrastructure to improve the development and deployment processes required to deliver web applications and their supporting APIs to customers quickly and reliably.

Charles Moreman, Executive Director, Systems Architecture, *Comcast*

Charles is an Executive Director at Comcast and the lead software architect for RDK-B and cloud software for Wi-Fi analysis. His focus is new features for internet service providers, Wi-Fi software enhancements, Wi-Fi analytics, other new features and software architecture improvements.

Previously Charles worked as Chief Product Architect and Fellow for Technicolor's Connected Home Business Unit. At Cisco Systems, Charles was a Principal Engineer and the founding architect for CCSP gateway software used as the basis for the RDK-B software project. Before this, Charles worked as engineering director leading the development of Cisco/Scientific-Atlanta Cable Modems & Gateways.

He has a degree in Electrical Engineering from the Georgia Institute of Technology. Charles has been awarded 9 US Patents and has multiple patents pending.

Shashank Nanjundaswamy, Technical Manager – RDK-B Development, *Sky*

Shashank has 16 years of industry experience, including 7 years with Sky. He manages new home-comms product development, new feature development, and deployed product support. He also manages architecture and implementation in RDK-B.

Shashank leads collaboration efforts with the RDK-B community for joint development of new features and works closely with SoC vendors for architecture and HAL support.

Simon Riot, Software Product Manager, *Technicolor*

Part of Technicolor since 2007, Simon worked primarily for the Technicolor DOCSIS certification team for Cable BB products, then joined the Customer Support Technical team supporting Technicolor Cable BB customers worldwide.

He is now responsible for the Technicolor software roadmap for Broadband product, including gathering requirements, explaining new features to customers and R&D, prioritizing development and actively participating in key issue resolution.

Zlatko Sator, Global Partnerships & Strategy, *RDK*

Zlatko Sator is the Head of Business Development at RDK Management. Zlatko leads the Global Partnerships and Strategy team, which is focused on driving global growth of RDK in the areas of Memberships, Business Partnerships, and Operator adoption. He works closely with 500+ company executives in RDK Community ecosystem to develop an understanding of their unique business need, then develops strategies to differentiate and deliver the best experiences for their customers.

Khem Raj, Distinguished Engineer, *Comcast*

Khem Raj is a Distinguished Engineer at Comcast, helping several open source initiatives within the company: He is guiding the company's adoption of open source software, and organization transition to an active contributor to the open source components used in the RDK settop software stack. He is also actively working on making the RDK community adopt the RDK framework for future multimedia devices and home connectivity. He is member of Yocto Project advisory board, and member of the technical steering Committee for yocto project.

Augusto Silva, Head of TV Products Delivery Projects, *Deutsche Telekom*

Augusto is Head of TV Products Delivery Projects at Deutsche Telekom, and is an experienced TV Industry Enthusiast. Augusto has 23 years of Telco background, having previously held roles at NOS, Celfocus and BT, leading product definition, program management, technology and finance strategy. Augusto is highly experienced in Open source and commercial platforms, and delivering key developments and software.

Augusto holds a Master of Computer Science degree from Instituto Superior Técnico, in Lisbon.

Rui Manuel Silva, Head of CPE Product Line Division, *AlticeLabs*

Rui Manuel Silva is Head of CPE Product Line Division at AlticeLabs, where his team is the Altice competence center responsible for the development of CPEs being deployed by all Altice opCos in several market segments (B2C and B2B). He has more than 14 years of experience in the broadband industry, all with AlticeLabs.

He has global broadband experience due to multi- tech and cultural Altice opCos, and actively participates on the Broadband Forum BBF247 GPON ONU certification process.

HJ Smith, Product Partnerships, *RDK*

HJ has more than 25 years' international experience in the telecommunications and cable industry. He joined the RDK team in 2018 where he leads Product Strategy and the organization of Community Events. As the RDK product lead he manages the development of the RDK video accelerator platform, pre-integration of partner products and the product roadmap.
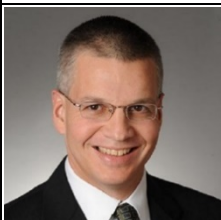
Prior to joining RDK HJ held roles at Comcast, Convergys, and American Management System.

Fraser Stirling, Group Chief Product Officer, *Sky*

Fraser joined Sky as Group Chief Product Officer in June 2019 from Sky's parent company Comcast. He joined Comcast in 2014, rising to Senior Vice President of Digital Home, Devices and AI overseeing product developments including the company-wide effort to become all IP and the launch of the first voice-controlled remote control.

Prior to his time at Comcast, Fraser held roles at Verizon and Intel Media and Sky.

Rob Suero, Head of Technology, *RDK*

Rob, a 25 year veteran of the telecommunications industry, has been a member of the RDK team since its inception in 2013. Rob oversees technical activities for the RDK including architecture, community roadmap, and collaborative development.