

Milap V. Majmundar · Director · Phone +1 512 954-7376 · Email mm1804@att.com

January 10, 2025

3GPP/ETSI Mobile Competence Centre
650, Route des Lucioles
06921 Sophia-Antipolis, France

ATTN: Ms. Elisabetta Comin (elisabetta.comin@etsi.org) and Mr. Joern Krause (joern.krause@etsi.org)

Dear Ms. Comin and Mr. Krause:

It is my privilege to recommend Mr. Jerome Vogedes from AT&T for nomination as Vice-Chair of 3GPP TSG-RAN at the March 2025 election. Mr. Vogedes will be representing AT&T via the ATIS partner of 3GPP.

Mr. Vogedes is Principal Member of Technical Staff for the AT&T RAN Technology organization and has been engaged in 3GPP and related work for over 25 years. He has a strong background and credentials suitable for the Vice-Chair role.

Jerome's background includes extensive telecommunications standards development, software and hardware design, systems engineering, testing development, and significant experience at companies representing multiple levels of the wireless supply chain including network infrastructure, mobile devices, verticals, regulatory, and MNOs. He has demonstrated the ability to work across 3GPP RAN WGs in the role of rapporteur, convenor/moderator, and delegate to reach consensus on contentious issues to address industry needs.

Mr. Vogedes will be trained to comply with applicable antitrust/competition laws and regulations while acting in his capacity as a TSG RAN Vice-Chair.

Mr. Vogedes has the full support of AT&T so that he can successfully fulfill the position of Vice-Chair. AT&T is pleased to recommend Jerome for RAN Vice-Chair and he is looking forward to actively serving in the position.

Sincerely,



Mr. Milap V. Majmundar
Director of Advanced RAN Technology, Standards & Spectrum
AT&T

Enclosure: CV for Jerome Vogedes

Jerome O. Vogedes

Curriculum Vitae

+1 (414) 551-8178

jerome.vogedes@att.com



Summary

Highly motivated research and design leader with extensive experience in 4G/5G/6G wireless telecommunications, mobile services, standards development, intellectual property, and industry policy. Exceptional strength in the following areas:

- **Leadership:** Chair/Vice-chair, rapporteur, and delegate in various global wireless standards development organizations with demonstrated strengths in building relationships, achieving consensus, and producing results. Led creation of new mobile specifications that have since been implemented on devices and networks worldwide.
- **Versatility:** Able to orchestrate and deliver technical initiatives that encompass aspects of wireless network infrastructure, mobile devices, verticals, and network operator's interests.
- **Innovative:** Creative, problem solving, and analytical in many facets of mobile telecommunications systems, applications, and protocols with over 50 granted and pending patents.

Professional Experience

AT&T Network Chief Technology Org. Milwaukee, WI 2021-Present
Principal Member of Technical Staff. As part of the Wireless Technology and Standards team, leading 5G and 6G standards strategic initiatives and development in various SDOs, e.g., 3GPP, ATIS, NGA (Next Generation Alliance), 5G-Americas, and GSMA.

- As lead the AT&T lead for 3GPP RAN1 and RAN5-SIG, successfully driven standardization efforts for 5G (NR) Advanced by defended AT&T strategic positions at the RAN Plenary and WG level for Release 17/18/19 Work item proposals and Tdoc contributions in the areas of, e.g., Integrated Communications and Sensing (ISAC), Network Energy Savings, Sidelink, Smart Repeaters. Additionally, leading efforts to scope and build industry consensus for the direction/timing of 6G study and work items to be formulated in 2024 and beyond. Appointed 3GPP co-rapporteur of 5G-Advanced for ISAC in 2023.
- Representing AT&T in ATIS and the NGA focused on 6G scoping activities aligned with our vision. Co-author of various white papers and contributions related to public safety verticals, with key FirstNet (customer) requirements.
- Work collaboratively with key industry players and government agencies along with internal AT&T stakeholders to further AT&T's strategic RAN objectives.

J. Oliver Consulting, LLC. Milwaukee, WI 2013-2021
CEO and President. Leading wireless standards development and strategies for clients that include Interdigital/Convida Wireless, Google, Motorola, Omnispace, and NextNav. Representing clients as a delegate, rapporteur, and leader in standards bodies to bring to fruition, new wireless systems, applications, 4G/5G protocols, and solutions. Development of intellectual property/patents.

NextNav, Inc. Sunnyvale, CA 2014-2020
Principal Engineer, and Lead Standards Consultant. Driving NextNav technology in various wireless standards development organizations and alliances to promote revolutionary urban and indoor positioning technology for public safety and commercial applications.

- 3GPP RAN1/RAN2/RAN4 rapporteur, successfully driving standardization for the 5G (NR), LTE, and UMTS signaling and protocol support for NextNav technology. Study item, work item, and CR approvals inclusive of NextNav technology in CT, SA and RAN WGs (SA1-2/RAN1-5/CT1/CT4).
- Representing NextNav in SAE (DSRC, V2X, PNT Committee Vice Chair) and ATIS (ESIF, UAV, Smart Cities, and IoT). Serving on the OMA Board of Directors and the OMA LOC WG to drive approval of NextNav technology in SUPL (User Plane) and MLP specifications.
- Work collaboratively with key industry players and government agencies (FirstNet, NASA, FCC) to further NextNav's business interests.

Motorola Mobility, LLC. A Google Company. Chicago, IL 2011-2013
Principal Engineer. Led development of industry standards and intellectual property for new wireless systems, including IP Multimedia Subsystem (IMS) and Rich Communication Services (RCS) to enable new end user applications and solutions.

- Delegate and contributor in 3GPP CT1 and SA2 Working Groups, leading standardization efforts in IMS and Voice over LTE specifications, the backbone of voice and multimedia telecommunications today. Led internal requirements and strategic direction for IMS architectures developed in Motorola's Android devices.
- Motorola patent committee member; defined new processes for expediting patent filing and evaluating patentability of ideas from all engineering teams that boasted a patent portfolio of over 25,000 patents, this included driving processes/tools for identifying and filing standards essential patent applications.
- Developed strategic plan for IMS/RCS standards to identify and foster business development, intellectual property opportunities that resulted in millions of dollars in annual revenue.
- Contributed as an industry standards subject matter expert on multi-billion dollar litigation in key wins with various companies including Apple, Microsoft, and Gemalto.

Motorola Inc. Mobile Devices Sector. Libertyville, IL 1998-2011
Senior Staff Engineer. Drove Motorola strategic technical initiatives as a delegate and chairman in various international SDOs and regulatory agencies, including the FCC, IETF, 3GPP, 3GPP2, OMA (DM Vice Chair 2003-2005, Board of directors 2008-2009), CDG (co-chair IP-based OTA WG 2000-03), and the WAP Forum (Client Provisioning WG chair 2001-03).

Motorola Inc. Network Systems Sector. New Berlin, WI 1997-1998
RF Systems Engineer. CDMA system design, network optimization, and analysis of network data for some of the first commercial digital network operators in the U.S.

- Launched several wireless networks for PrimeCo/Verizon Wireless throughout Wisconsin, Illinois, and Texas for commercial use, growing their subscriber base exponentially.
- Deployed several high-capacity wireless network systems while working closely with customers to meet their requirements and promote Motorola's CDMA network equipment. More than doubled the number of base stations to significantly improve system performance and expand PrimeCo's initial digital network footprints in Madison and Green Bay, WI.
- Managed a small team to conduct initial and final system evaluation, report generation, modify network and base

station parameters, resulting in best-in-class voice calls and dropped call rates under 1%.

Professional Development

- Milwaukee School of Engineering, Milwaukee, WI.
 - M.S., Engineering Management (2004); B.S., Electrical Engineering (1997)
- Six Sigma Yellow Belt Quality certification
- IEEE and SAE (Society of Automotive Engineers) International member

Patents and Publications

- 50+ granted and pending patents related to telecommunications features, services, and protocols.
- Rapporteur of several standards, including Rel-19 Study on Integrated Sensing and Comm., Study on indoor positioning enhancements (3GPP TS 37.857), User Equipment performance requirements for positioning (TS 37.171), Speech Recognition Framework for Automated Voice Services (3GPP TS 22.243), SAE6857 PNT requirements, OMA Diagnostics and Monitoring (OMA DiagMon), and Client Provisioning (OMA CP).
- Co-author/editor of recent 5G publications, such as “Becoming 5G Advanced” A 5G Americas White Paper, 2022 and a GSMA report “Advancing the 5G Era”, 2022, “Building Blocks for UAV Applications”, ATIS, 2022.

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