

# Intel Corporation

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July 31, 2019

Ms. Susanna Kooistra  
Mr. Kyoungseok Oh  
Mobile Competence Center (ETSI)  
650, Route Des Lucioles  
Sophia-Antipolis, France

Subject: Nomination of Mr. Andrey Chervyakov as candidate for the 3GPP TSG RAN WG4 Vice Chairman

Dear Ms. Kooistra and Mr. Oh,

Intel is pleased to nominate Mr. Andrey Chervyakov as a candidate for the position of Vice Chairman of 3GPP TSG RAN WG4 in the elections to be held in August 2019 at RAN4 #92. Andrey is representing Intel, a member of ATIS.

Andrey has over 14 years of experience in wireless communications standardization and research. He has been a regular delegate to the 3GPP RAN4 WG since 2013 specializing in UE Demodulation, CSI and RRM requirements topics. During his time in RAN4 Andrey served as a rapporteur of several RAN4-led LTE and NR work and study items. As a volunteer, Andrey also successfully chaired multiple RAN4 ad-hoc sessions on a wide set of topics and demonstrated his technical expertise and consensus building skills. A brief CV showing Andrey's experience is attached.

If elected, Andrey will strive to ensure that work in RAN WG4 is conducted in a fair, efficient and productive manner.

Intel is fully committed to provide the necessary support and resources to ensure that Andrey can successfully carry out his responsibilities. Andrey is informed about and will be trained in all applicable antitrust/competition laws and regulations, and if elected, he will comply with all such laws and regulations while acting in his capacity as WG Vice Chairman.

Sincerely,  
Asha Keddy

A handwritten signature in blue ink that reads "Asha Keddy". The signature is written in a cursive, flowing style.

Corporate Vice President,  
General Manager, Next Generation and Standards,  
Intel Corporation

## **Andrey Chervyakov**

Sr. Staff Research Scientist, Intel Corporation

**Summary** 14+ years' experience in telecommunications industry and over 7 years' experience in 3GPP standardization. In-depth knowledge of 3GPP NR and LTE technologies with a focus at PHY layer design. Strong expertise in LTE/NR demodulation, RRM and RF requirements topics, as well as system- and link-level simulations of LTE and NR systems.

**Experience** **Intel Corporation (2006 to present).** R&D and standardization in the area of wireless communications.

- 3GPP LTE/NR R&D and standardization
  - Intel's delegate to the 3GPP RAN4 WG since 2013 working on UE Demodulation/CSI, RRM, OTA topics.
  - Contributed to a wide set of LTE Rel-11+ WIs (incl. NAICS, EPDDCH, eIMTA, D2D, DL Control IM, V2X, and others) and NR WI.
  - Served as a rapporteur of 4 RAN4 SI/WIs: Rel-13 LTE DL Control Channel IM WI, Rel-14 LTE Enhanced CRS-IM and SU-MIMO WI, Rel-15 LTE 1RX CRS-IM WI, Rel-15 NR FR2 Test Methods SI.
  - Editor of TR 38.810 (NR Test Methods)
  - Chaired multiple RAN4 ad-hoc sessions on LTE and NR topics
- IEEE 802.16m R&D and standardization
- IMT Advanced 4G evaluation of LTE and WiMax2 technologies as a part of the Russian Evaluation Group
- EU FP6 MEMBRANE research project

**NNSU Wireless Competence Center (2005 to 2006):** R&D in the area of cellular communication (WiMAX), RFID systems, positioning.

**Education** M.Sc. in Information Systems in Radiophysics and Telecommunication / Statistical Radiophysics, Nizhny Novgorod State University, Russia (2005)