



June 25, 2023

Ms. Susanna Kooistra
Mr. Seonggu Shim
European Telecommunications Standards Institute
Mobile Competence Centre
650, Route des Lucioles
06921 Sophia-Antipolis
France

Subject: Nomination of Dr. Gen Cao as candidate for 3GPP TSG RAN3 Vice Chair

Dear Susanna and Seonggu,

China Unicom is pleased to nominate Dr. Gen Cao as a candidate for the Vice Chair of 3GPP TSG RAN WG3 in the upcoming election held in August 2023 during RAN3#121 meeting.

Dr. Gen Cao has been serving in China Unicom since 2012 and now he is a principal researcher. Dr. Gen Cao has been attending 3GPP RAN3 meetings since 2013, and has been actively contributing to the RAN network architecture of 4G/5G network for the smoothly network evolution. Dr. Gen Cao has also participated in QoE measurement and collection topics for NR, LTE and UMTS, as well as other topics related with network architecture. Dr. Gen Cao was appointed as 3GPP TSG RAN WG3 Vice Chair in August 2021 and has held the position ever since.

A brief CV of Dr. Gen Cao experience is attached.

China Unicom is fully committed to support Dr. Gen Cao as the candidate of 3GPP TSG RAN3 Vice Chair and provide all the necessary support and resources to ensure that he can successfully carry out his responsibilities and work in a fair, efficient and productive manner.

Dr. Gen Cao is informed about and aware of the antitrust/competition laws and regulations and will comply with such laws and regulations while acting in his capacity as TSG RAN WG3 Vice Chair.

Yours Sincerely,

Hongbing Ma *Ma Hongbing*

General Manager of Science and Technology Innovation Department

China Unicom

Gen Cao

Email: caogen@chinaunicom.cn

Mobile Phone: +86-18601102361

Business Add: No.9, South Capital Gym Rd,
Haidian, Beijing, China.



WORKING EXPERIENCE

3GPP RAN3 Vice Chair – 2021.08-PRESENT

Comply with 3GPP RAN3 Vice Chair responsibilities.

Chaired R17/R18 RAN3 sessions for F2F meetings and E-meetings, e.g. Mobility enhancement WI (R18), Sidelink Relay enhancement WI (R18), Sidelink Relay WI(R17), Enhancement of Private Network Support for NG-RAN WI(R17), Additional enhancements for NB-IoT and LTE MTC WI(R17).

RAN3 delegate and Principal Researcher – 2013.01- PRESENT

Rapporteur of several RAN3 SI/WIs and specifications, e.g. WI on eNB(s) Architecture Evolution for E-UTRAN and NG- RAN, W1 interface specs of TS 37.470, TS 37.471, TS 37.472 and TS 37.473.

RAN Coordinator and Principal Researcher - 2019.06- PRESENT

New technologies for 5G and 5G-Advanced for R17/R18/R19 release, supporting the new features of 5G eMBB, URLLC and IoT, formulate commercial network deployment and evolution strategies.

Project Manager - 2018- PRESENT

Leading 5G Technical group to formulate 5G Technical Specifications, and be responsible for 5G Lab verification test and field test.

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