Mr. Paolo Usai
Mrs. Susanna Kooistra
3GPP MCC
650, Route des Lucioles
F-06921 Sophia Antipolis
France

13th September 2018

Dear Susanna and Paolo,

On behalf of ORANGE, an ETSI member, I am pleased to nominate Mr. Gilles Teniou as a candidate for the position of 3GPP SA4 Working Group Vice-Chairman in the forthcoming election during SA4#100, 15-19 October 2018.

Gilles has been vice-chairman of SA4 for the last two years, during which time he participated to the promotion of 3GPP SA4 activities with the organization of a workshop on Virtual Reality and the publication of articles on media services on 5G. He has been chairman of the Video Sub-Working-Group in SA4 for seven years, leading activities around the introduction of new video codecs such as HEVC, the support of stereoscopic 3D, the introduction of TV video profiles and Virtual Reality for 3GPP services. He has been rapporteur of several study items such as scalable video coding and Virtual reality. Gilles is Orange's standardization manager in charge of the technical and operational standardization activities related to TV & Audiovisual services. He is also a regular delegate in the DVB Forum where he actively participates to the definition of audio-visual formats for the broadcast environment.

If elected, Gilles will provide full support to the Chair and strive to ensure that the development of the relevant 3GPP specifications is undertaken in a fair, accurate, and diligent manner.

Orange will provide Gilles with all the support required to successfully accomplish his Vice-Chair commitments if elected, including allocated time and travel arrangements.

Gilles Teniou has been trained to comply with all applicable antitrust/competition laws and regulations while acting in his capacity as SA WG4 Vice-Chairman.

Yours sincerely,

Nick Sampson
Director, Wireless Access and Core Network Standardisation
Orange

Gilles TENIOU
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Senior Standardisation Manager
Content & TV services

Profile

Head of standardization activities related to audiovisual services enablers (video formats, streaming protocols, browsers...) Experienced standardization delegate in media & TV environments (DVB, UHD Alliance, MPEG, 3GPP). Vice Chairman of 3GPP SA4 and chair of the 3GPP SA4 Video sub-working group for mobile environments.

Professional experience

June 06 – Today ***Orange*** Rennes (France)	**Since Jan.2013** **Orange Senior Standardization Manager – Content & TV Services** In charge of managing the technical and operational standardization activities related to TV & Audiovisual services addressing various types of devices and associated with TV stream (live, VOD, PVR, EPG, Social TV...). This includes service architecture, technology used for the audiovisual streams (media formats and protocols) as well as application environment used for TV (apps, browser, media player, TV APIs). **Since 2009** **Head of Orange Video Standardization** Leading video-related activities for Orange in standardization. In line with Orange strategy, manage a team of delegates and conduct the actions and positions to be promoted in standards groups such as MPEG, ITU-T, DVB, 3GPP, UHD Alliance, IETF... Also acting as a DVB delegate, involved in the definitions of the specifications for IPTV (HDTV, 3DTV, UHDTV including HDR...) **Jan. 2011-2015** **Orange research project leader in future video formats** Leading a research and anticipation project (around 10 people) aiming at investigating the new video formats and identifying the opportunities of introduction of new video services. This includes, prototyping services, conducting subjective tests, providing technical requirements for the service level definition.

Academic qualification

1998 – 2001 ***IFSIC*** Rennes (France)	IFSIC: Education and Research department in Computer Science and Electrical Engineering. Computer Vision specialty. Extensive training in Image and video formats analysis and synthesis. IT and telecom courses.

External recognition

Awards	**Connected TV Award 2013** **Outstanding Technology Innovation** For Orange's OTT Video-On-Demand service with HEVC video codec on Samsung SmartTVs.
Publications	3DTV Technology and Standardization **(Media Networks / CRC Press)** 5G multimedia standardization (**3GPP 5G standardization /Journal of ICT Standardization)**
Papers	**IBC 2016:** 3GPP based TV service layer **IBC 2018:** Immersive Media over 5G - What standards are needed?
Specification editor	**Editor of 3GPP technical reports** • "Mobile Stereoscopic 3D video": 3GPP TR 26.905 • "Video formats for 3GPP services": 3GPP TR 26.949 • "Virtual Reality(VR) media services over 3GPP": 3GPP TR 26.918 • "Virtual Reality (VR) streaming audio; characterization test results"

Additional information

Languages	French (mother tongue), English (Fluent), Spanish (Notions)