42nd Wireless World Research Forum, Tokyo, Japan

The 5G dream becomes real - will it keep its promises?

Venue: **Aoyama TEPIA**
Address: 2-8-44 Kita-Aoyama, Minato-ku, Tokyo 107-0061, Japan
URL: https://www.tepia.jp/english

May 14th – May 16th, 2019

Call for Papers

WWRF invites researchers and industrial representatives to the WWRF 42 meeting to share information and present their views on the theme **"The 5G dream becomes real - will it keep its promises?"** The 42nd Meeting will be held in conjunction with WWRF's premiere event, the **6th 5G Huddle**. Over the past couple of years 5G has been in the headlines globally for many conferences, new projects and naturally also as element in industrial strategies, visions and specific implementation plans. This has raised the expectations of what 5G will deliver. Time has come for 5G, so will it deliver the promises that have been made?

WWRF 42nd

Technical papers describing recent research results and 5G proof of concepts are solicited to determine if the 5G dream will become true. The best papers will be reviewed and provided for publication in a special issue of IEEE Vehicular Technology Magazine.

The meeting will also feature invited special sessions on hot topics such as "Beyond 5G Leading to 6G". This meeting will mark the launch of a new working group on "Future Business Models" supported and enabled by 5G and Beyond wireless technologies. Contributions on this subject are encouraged, as are those covering any theoretical, technical or business subject related to the Wireless World.

Contributions that are accepted for the meeting will be published on the WWRF website (www.wwrf.ch), and the best papers are earmarked to form part of a WWRF Outlook (a series of White Papers) or be incorporated into new volumes of the WWRF Book Series.

6th 5G Huddle

Details for the 6th 5G Huddle are available at www.5ghuddle.com

Important Dates

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• Submission of extended abstracts:	14th February 2019
• Notification of acceptance:	14th March 2019
• Final papers:	15th April 2019
• Event	14th – 16th May 2019

Guidelines

Contributors should submit an extended abstract to contributions@wireless-world-research.org for review. Extended abstracts should be at least two pages (A4 or Letter) in length, either in plain ASCII text, MS Word or Adobe PDF. A template for abstracts or papers is available on the web page www.wwrf42.ch. Full papers must be prepared using the WWRF template, available on the web page in either Adobe PDF or MS Word format. The list below shows the different working groups (WGs) and Vertical Industry Platforms (VIPs) the contributions should be directed towards:

- o Working Group, A - User Needs & Requirements; Services, and Devices, in a Wireless World
- o Working Group C - New Directions in Communication Architectures and Technologies: SDN, NFV, MEC
- o Working Group D - Radio Communication Technologies: SDR, Cloud RAN, 5G NR, SDR and Spectrum Sharing
- o Working Group 5G for smart water management
- o WG BM Future Business Models supported and enabled by 5G and Beyond wireless technologies
- o WG WAI AI for Wireless Communications
- o WG High-Frequency Technologies
- o VIP WG 5G e/m-Health and Wearables
- o VIP WG Connected Vehicles
- o VIP WG Track-to-Train communications

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Contributions submitted without a completed and signed copyright license cannot be presented and will not be published in the meeting proceedings or in WWRF's Book of Visions. Abstracts do not require a copyright license.

Student Grants

Funding is available to support a number of students presenting papers at the meeting. Application for student funding must be provided with full paper submission. The level of grant will depend on available funds, the quality of the paper and the student's country of residence.