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Abstract

Synchronization Aspects of 5G

Mridula Korde

Shri Ramdeobaba College of Engineering and Management, Nagpur, India

Abstract:

Increasing internet data traffic has driven the capacity demands for currently deployed 3G and 4G wireless technologies. Now, intensive research toward 5th generation wireless communication networks is progressing in many fronts. 5G technologies are expected to be in use around 2020. Moving toward 5G, network synchronization is expected to play a key role in the successful deployment of the new mobile communication networks. Synchronization is an essential prerequisite for all mobile networks to operate. It's fundamental to data integrity, and without it data will suffer errors and networks can suffer outages. 'Loss of synchronization' problems can be difficult to diagnose and resolve quickly and add to operational costs. Poor synchronization affects customer satisfaction and is therefore revenue affecting too. This paper presents synchronization requirement and related aspects in upcoming 5G technologies.

Biography:

Mridula Korde has completed her PhD from Viswesarayya National Institute of Technology, Nagpur. She works as Associate Professor in Department of Electronics and Communication Engineering, at Shri Ramdeobaba College of Engineering and Management, Nagpur, India.

She has published more than 25 papers in reputed journals. Her area of interest is synchronization in wireless technogies.

Publication of speakers:

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