Gelen Evrak Tarih ve Sayısı: 12.01.2026-990060

TÜBİTAK TBAE

RESEARCH INSTITUTE FOR FUNDAMENTAL SCIENCES

Winter School: Wireless Communications and Beyond 5G

(TBAE WCB-5G)

The TÜBİTAK Research Institute of Fundamental Sciences (TBAE) will organize the "Wireless Communications and Beyond 5G (TBAE WCB-5G)" Winter School, to be held between 13-17 February 2026. The winter school will focus on future radio access technologies. Starting with the background on 4G Long-Term Evolution (LTE) and its evolution (LTE-advanced and LTE-advanced PRO), 5G new Radio and Beyond 5G will be discussed in detail. Even though focus of the course will be on Radio Access Technologies (RAT), the basics of the core network architectures their comparison and wireless communications will also be covered. The school will also feature special talks highlighting the latest research developments in these fields.

Scientific Committee:

Orkun Hasekioğlu (TBAE)
Hüseyin Arslan (Ist. Medipol Uni.)

Organization Committee:

Orkun Hasekioğlu (TBAE)
Levent Turhan (TBAE)
Bilal Kılıç (TBAE)
Abdullah Alpaydın (TBAE)
Ahmet Fatih Mustaçoğlu (TBAE)
Selahattin Nesil (TBAE)
Ekrem Oğuzhan Angüner (TBAE)
Erbil Can Artun (TBAE)

Lecturers:

Orkun Hasekioğlu (TBAE)
Hüseyin Arslan (İst. Medipol Uni.)
M. Kemal Özdemir (İst. Medipol Uni.)
Murat Uysal (NYU Abu Dhabi)
Mohammed Elamassie (Özyeğin Uni.)
Elif Uysal (METU)
İbrahim Hökelek (TÜBİTAK BİLGEM)
Abdulkadir Köse (AGU)
Sinem Çöleri (Koç Uni.)
Gülay Yardım
Halim Yanıkömeroğlu (Carleton Uni.)
Muhammad Zeeshan Shakir (UWS)
Mohamed-Slim Alouini (KAUST)
Baha E. Youcef Belmekki (KAUST)
Veysel Baydogan (Aselsan)
Mehmet Özdem (Türk Telekom)
Raşit Tutgun (Plan-S)
Güneş Karabulut Kurt (Polytechnique Montréal)
Hakan Ali Çırpan (ITU)

Application Requirements:

While the school is open to everyone, M.Sc. & Ph.D. students, and post-doctoral researches in related fields are strongly encouraged to apply and will be given priority for the face to face (F2F) participation.
- Strong background in Electromagnetic Theory
- F2F application requires academic transcript(s)
- F2F participation is limited

Online participation is available via Zoom.
- No prerequisities needed

Application Deadline:

1 February 2026

Date & Location:

13 - 17 February 2026

TÜBİTAK Gebze Yerleşkesi,
Temel Bilimler Araştırma Enstitüsü

TBAE WCB-5G Web Page: https://tbae.tubitak.gov.tr/wireless-communications-and-beyond-5g/

6G ve Ötesi Haberleşme Teknolojileri Kümelenmesi

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