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## Theme

International Summer School of Wireless Communication Principles and Key Technologies

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## Overview

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This international summer school is based on the overall strengths of information subject of Southeast University (SEU). It adheres to academic-orientation and strengthens development training by integrating general education, professional education, academic exchange, and innovation & enterprise education, thus enabling overall improvements of students' comprehensive quality. The theme of the summer school is the basic principles and technology frontiers of wireless communication systems. Three English courses are included, i.e., Introduction to Wireless Communication System, Mobile Fading Channel Modeling, and Frontiers of Microwave, Millimeter-wave and Terahertz Technologies. Four SEU teachers, eight oversea teachers, and three company teachers will participate in this project. Each course has five parts, including theoretical lectures, labs/tutorials, invited talks given by international masters, invited talks given by industrial experts, and visits to state key labs. From this international summer school, students will experience lectures given by experts at home and abroad, be geared to teaching styles of international universities, closely combine theory and applications, inspire innovative thinking and learning enthusiasm, thus laying a solid foundation for future work and research in related areas. Each course has 32 class hours and 2 credits. Course certificates are available for international students and non-SEU students in Chinese universities.

Schedule	Draft				
1		2022	7		1-3
2		2022	7-8		2-4
3				2022	7-8 2-4

Course 1 Introduction to Wireless Communication System, Week 1-3 of summer school, July 2022

Course 2 Mobile Fading Channel Modeling, Week 2-4 of summer school, July-August 2022

Course 3 Frontiers of Microwave, Millimeter-wave and Terahertz Technologies, Week 2-4 of summer school, July-August 2022

Place Online and offline integration. The offline places are Southeast University (Jiulonghu Campus) and China Network Valley (CNV)

Number of Participants

100 / 50

100 SEU students, 50 international students and non-SEU students in Chinese universities

Application Requirements

The undergraduate applicant is preferred to major in electronics and information and has excellent language ability.

Application Deadline

2022 6 16

16 June 2022

Host & Organizer

School of Information Science and E rce

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Contact Information

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