



Frequency Comb for Precise Measurement

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Message from the Guest Editor

Dear Colleagues,

Optical frequency combs have revolutionized optical frequency metrology and precision measurement since its invention more than ten years ago. They have made it possible to directly link the optical frequency to microwave frequency, and thus they have been applied for precision measurements of fundamental constants, and high-precision atomic clocks.

Now optical frequency combs have been widely used in various applications including optical and microwave frequency synthesis, attosecond pulse generation, direct frequency comb spectroscopy, and precision distance measurements. In this special issue, we focus on optical frequency combs and related technologies for precise measurement and also the various applications based on optical frequency combs.

Dr. Ken'ichi Nakagawa
Guest Editor





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Message from the Editor-in-Chief

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