## **Special Issue**

### High-Power Ultrafast Lasers: Development and Applications

### Message from the Guest Editor

Since the invention of the chirped pulse amplification (CPA) and optical parametric CPA (OPCPA) techniques, the peak power of femtosecond lasers spectacularly increased from TW to multi-PW level. Recently, the limits of 10 PW peak power and 10^23 W/cm^2 intensity in a tightly focused laser beam were exceeded. To reach the target of 100 PW peak power and more than 10^24 W/cm^2 focused femtosecond pulse intensity, many efforts are being made in the worldwide scientific community of researchers and engineers working in the laser field. These advances are leading to exciting applications in basic and applied research.

### **Guest Editor**

Dr. Razvan Dabu National Institute for Laser, Plasma, and Radiation Physics, Center for Advanced Laser Technologies, Bucharest, Romania

### Deadline for manuscript submissions

30 November 2025



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### Message from the Editor-in-Chief

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### Editor-in-Chief

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