

Amplitude Technologies & Amplitude Systèmes

Contact

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The Company

Amplitude Technologies and Amplitude Systèmes are 2 sister companies developing and manufacturing femtosecond lasers : high power Titanium:Sapphire ultra short lasers, 10 Hz to 10 kHz, for Amplitude Technologies and diode pumped Ytterbium high repetition rate femtosecond lasers for Amplitude Systèmes. They have been created in 2001.

Amplitude Technologies has developed lasers with average power exceeding 10 watt in femtosecond regime, or 1 Joule per pulse, at 10 Hz.

Amplitude Systèmes has developed 2 lasers : the **t-pulse** model is a high power (more than 1 watt) 200 fs , 50 MHz oscillator, and the **s-pulse**, a compact laser system with a Chirped Pulse Amplifier, 100 µJ, 10 kHz, < 400 fs. The t-pulse model is a perfect laser tool for two photons microscopy.

Total number of employees : 20 engineers and technicians

AREAS FOR POTENTIAL COLLABORATION

Amplitude Technologies is actively seeking collaborations and/or partnerships with groups:

- 1) Distributors or agents**
- 2) Microscope manufacturers**

Keywords

- ◆ Lasers
- ◆ Ultra fast, femtosecond
- ◆ High power Ti:Sapphire
- ◆ Diode pumped Ytterbium