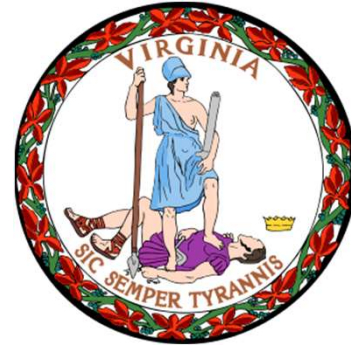


# 7<sup>th</sup> International Conference on Advanced Nanoparticle Generation and Excitation by Lasers in Liquids (ANGEL)

Charlottesville, Virginia, USA, May 26-31, 2024

Main international conference focused on laser-materials interaction in liquids first time in the USA (Switzerland in 2010, Italy in 2012, Japan in 2014, Germany in 2016, France in 2018, China in 2021)



We are looking forward to welcoming you in Charlottesville, home to the University of Virginia, which was founded by Thomas Jefferson in 1819 as one of the first public universities in the country.

**Venue:** Charlottesville Omni Hotel adjacent to the historic downtown pedestrian mall.



## Co-Chairs:

**Katharine Tibbetts**, Virginia Commonwealth University

**Leonid Zhigilei**, University of Virginia

## Research topics include

### Fundamentals of laser-materials interaction in liquids

Experimental probing, computer simulations  
Defect engineering, metastable phases & structures

### Laser synthesis and processing of colloidal nanoparticles

Laser ablation in liquids  
Laser fragmentation in liquids  
Laser melting in liquids  
Reactive laser ablation in liquids

### Biomedical applications of laser-nanoparticle interactions

Laser surface processing and micromachining in liquids  
Liquid-assisted laser manufacturing