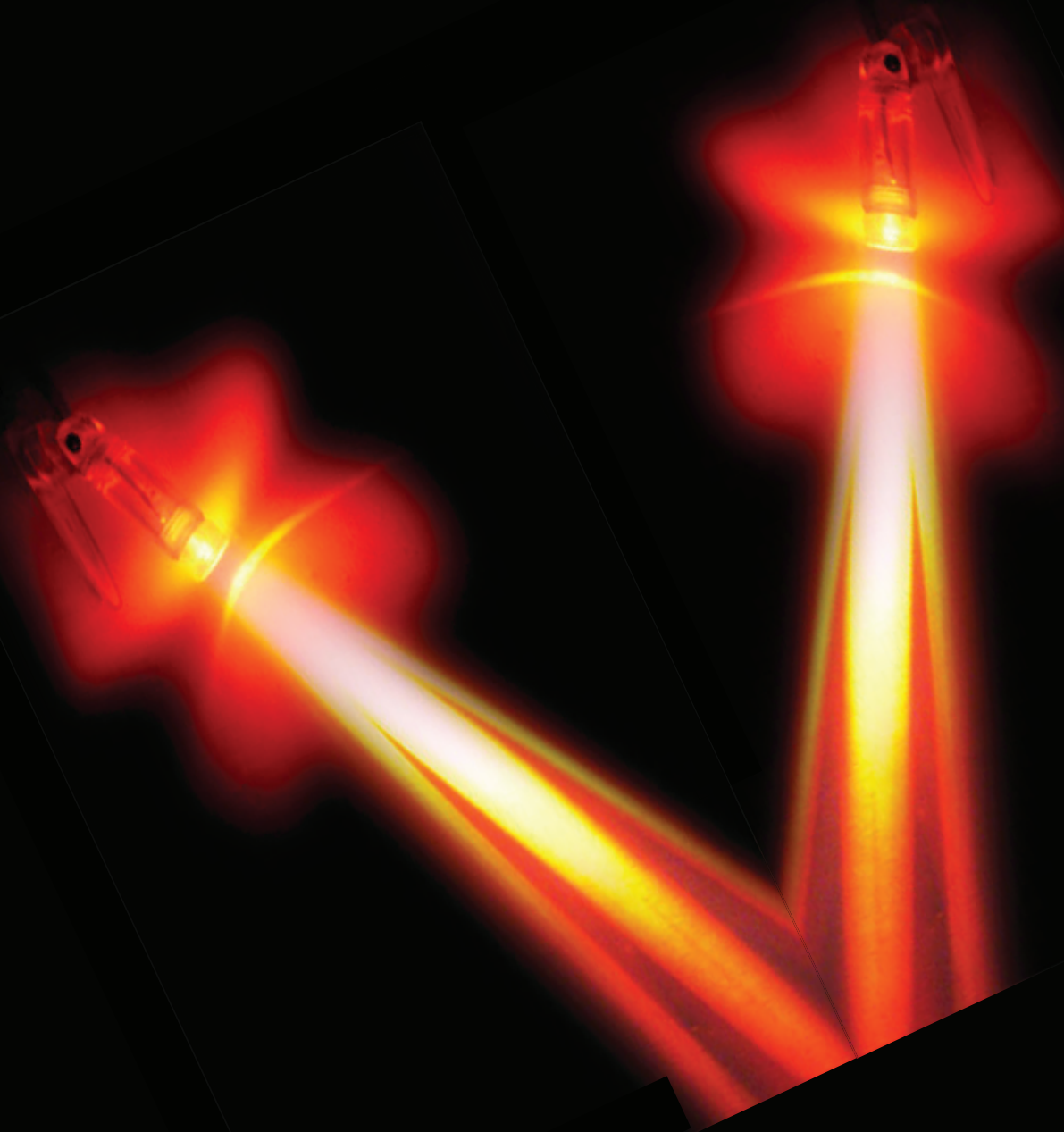


# QFEXT

Celebrating the 75th anniversary of  
Euler-Heisenberg seminal paper

## Tenth Conference on QUANTUM FIELD THEORY UNDER THE INFLUENCE OF EXTERNAL CONDITIONS



Centro de Ciencias de Benasque Pedro Pascual  
Benasque (Huesca) Spain  
September 18-24, 2011

EUROPEAN  
SCIENCE  
FOUNDATION

### Topics of QFEXT11 include the following:

- **Casimir and van der Waals forces**  
Theoretical and experimental applications at nanoscale
- **Quantum vacuum effects in quantum field theory**  
Applications to particle physics, condensed matter, laser and atomic physics
- **Vacuum energy in strong external fields**  
and in curved space-times with applications to gravity and cosmology
- **Mathematical physics techniques**  
for quantum vacuum studies, including supersymmetric and noncommutative theories

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