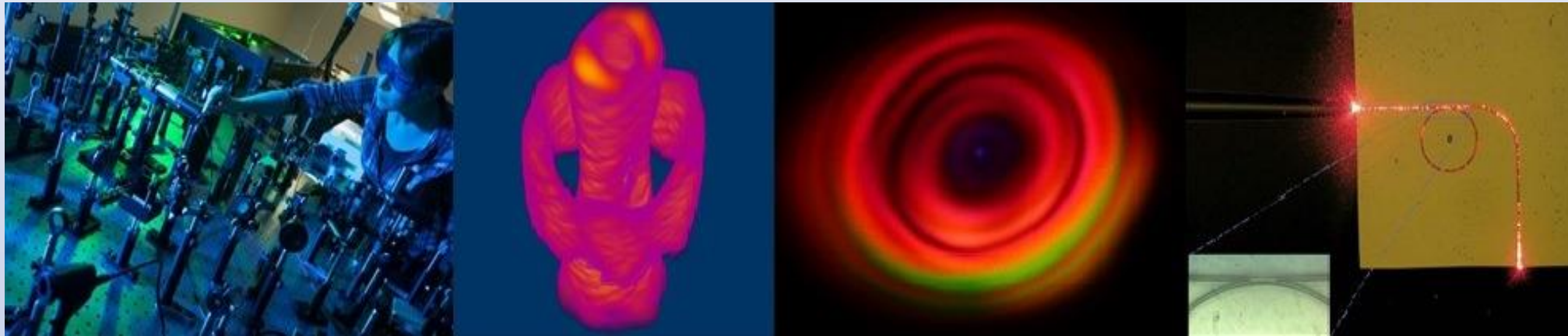


TAU-University of Bath Joint Workshop on Light-Matter Interaction



Workshop program:

10:00-10:15	Get together, coffee, and refreshments	
10:15-10:20	Greetings	
10:20-10:50	Boris Malomed	Spontaneous symmetry breaking in nonlinear optics
10:50-11:20	Dmitry Skryabin	Soliton and topological physics with microcavity polaritons
11:20-11:50	Ady Arie	Structured super oscillating beams of photons and electrons
11:50-12:05	Coffee Break	
12:05-12:35	Tal Schwartz	Strong coupling in organic cavities: Quantum optics for molecular chemistry
12:35-13:05	Andrey Gorbach	Nonlinear graphene plasmonics: manipulating light on a surface
13:05-13:35	Pavel Ginzburg	Nonlinear and nonlocal surface plasmonics
13:35-14:05	Ventsislav Valev	Second harmonic generation chiroptical effects in plasmonic nanostructures
14:05-15:00	Lunch Break2	
15:00-15:30	Haim Suchowski	Octave spanning mid-IR pulses for near field spectroscopy
15:30-16:00	Steve Andrews	Time Domain Terahertz Photonics - an overview of work on materials and devices at terahertz frequencies in Bath
16:00-16:30	Sharly Fleischer	Rotational control of asymmetric molecules: dipole- versus polarizability- driven rotational dynamics
16:30-17:00	Peter Mosley	Shape, sieve, and switch: engineering single photons for quantum technologies
17:00-17:15	Concluding Remarks	
17:15-18:00	Wine and Cheese	