

Tuesday, August 6th

08:00-08:30 am
08:35-08:45 am

Registration and Morning Coffee
Welcome to FoNLO'19

Session 1	Session Chair	Nonlinear Materials	Title
08:50-09:25 am	Ivan Biaggio	Aleks Rebane	<i>Molecular symmetry in two-photon absorption: Things are not always what they seem</i>
09:30-10:05 am		Joy Haley	<i>Nonlinear optical organic and organometallic dye development</i>
10:10-10:30 am	Nathan Dawson		Coffee Break
10:35-11:10 am		Tom Cooper	<i>Nonlinear optical properties of platinum acetylides</i>
11:15-11:50 am		Shekhar Guha	<i>Second harmonic reflection and transmission from nonlinear optical media of arbitrary anisotropy</i>
11:55-12:15 pm			Panel Discussion
12:20-12:55 pm			Lunch (in the same room)
Session 2	Session Chair	Magnetolectric	Title
01:00-01:35 pm	Mark Kuzyk	Stephen Rand	<i>Magneto-electric charge separation - a new optical nonlinearity</i>
01:40-02:00 pm		Tuan Trinh	<i>Experiments and theory of second harmonic generation induced by magneto-electric rectification</i>
02:05-02:25 pm	Shekhar Guha	Krishnanandu Makhal	<i>Probing orbital shapes with magneto-electric scattering</i>
02:30-02:50 pm		Gregory Smail	<i>Experiments and theory of magneto-electric rectification</i>
02:55-03:15 pm			Coffee Break
03:20-03:55 pm		Tobin Marks	<i>Twisted π-System chromophores: Progress and prospects</i>
04:00-04:20 pm		Long Cheng	<i>Nonlinear dynamics of laser cooling: New materials, new methods</i>
04:25-04:45 pm			Panel Discussion

Wednesday, August 7th

08:00-08:30 am

Morning Coffee

Session 3	Session Chair	PT-Symmetry	Title
08:35-09:10 am	Javier Perez-Moreno	Şahin Özdemir	<i>Optics and optomechanics at exceptional points</i>
09:15-09:50 am		Li Ge	<i>Parity-time symmetry breaking in a synthetic dimension</i>
09:55-10:25 am	Stephen Rand	Do Hyeok Jeon/Tsampikos Kottos	<i>Self-shielded receiver protectors using topological photonic circuits</i>
10:30-10:40 am			Coffee Break
10:45-11:20 am		Demetrios Christodoulides	<i>Parity-time and other symmetries in optics and photonics</i>
11:25-12:00 pm		Kevin Pichler/Stefan Rotter	<i>Experimental realization of the random anti-laser</i>
12:05-12:25 pm			Panel Discussion
12:30-12:55 pm			Lunch (in the same room)
Session 4	Session Chair		Title
01:00-01:35 pm	Koen Clays	Mark Kuzyk	<i>Nonlinear optics at the classical/quantum divide</i>
01:40-02:00 pm		Romolo Savo/Rachel Grange	<i>Second harmonic generation in complex assemblies of oxides nanoparticles</i>
02:05-02:30 pm	Tuan Trinh	Nathan Dawson	<i>Homotopy analysis and perturbation methods as generalized approximations of classical nonlinear optical phenomena</i>
02:35-02:55 pm			Coffee Break
03:00-03:35 pm		Ekaterina Poutrina/Augustine Urbas	<i>Controlling nonlinear generation via multipolar interference</i>
03:40-04:15 pm		Isak Kilen/Jerry Moloney	<i>Non-equilibrium dynamics in mode-locked vertical external-cavity surface-emitting lasers</i>
04:20-04:45 pm			Panel Discussion

Thursday, August 8th

08:00-08:30 am

Morning Coffee

Session 5	Session Chair		Title
08:35-09:10 am	Joy Haley	Ivan Biaggio	<i>From molecules to materials: smaller is better?</i>
09:15-09:35 am		Javier Perez-Moreno	<i>A toy model for the nonlinear optical response of molecules</i>
09:40-10:15 am	Tom Cooper	Kenneth Knappenberger	<i>Ultrafast dynamics in metal nanostructures</i>
10:20-10:40 am			Coffee Break
10:45-11:05 am		Koen Clays	<i>Fine-tuning and switching of the molecular second-order nonlinear response: the "effective optical molecular symmetry"</i>
11:10-11:45 am		Robert Twieg	<i>Discotic liquid crystals Do NOT require tails</i>
11:50-12:20 pm			Panel Discussion
12:25-12:40 pm			Closing Remarks