

## Norbert J. Kreidl Award

	Winner(s)	Affiliation	Lecture title
2020	Yifei Zhang	Massachusetts Institute of Technology	"Reconfigurable materials and optics: a phase change for the better"
2019	Emily Aaldenberg	Rensselaer Polytechnic Institute	"Surface Stress Relaxation of Silica Glass and the Presence of Composition Fluctuations"
2018	Maxime Cavillon	Clemson University	"Fabrication of intrinsically low nonlinearity glass optical fibers"
	Tobias Bechgaard	Aalborg University	"Temperature-modulated differential scanning calorimetry analysis of high-temperature silicate glasses"
2017	Yingtian Yu	University of California, Los Angeles	"Stretched exponential relaxation of glasses: Origin of the mixed alkali effect"
2016	Lan Li	Massachusetts Institute of Technology	"Sol-gel TiO <sub>2</sub> glass thin films for flexible cytocompatible photonics"
2015	Michael Guerette	Rensselaer Polytechnic Institute	"Nonlinear elasticity of silica fibers studied by <i>in-situ</i> Brillouin light scattering in two-point bend test"
2014	Peter J. Lezzi	Rensselaer Polytechnic Institute	"Strength Increase of Silica Glass Fibers by Surface Stress Relaxation: A New Mechanical Strengthening Method"
2013	Lina Ma	Missouri S&T	"Structural study of Na <sub>2</sub> O-FeO-Fe <sub>2</sub> O <sub>3</sub> -P <sub>2</sub> O <sub>5</sub> glasses by HPLC and Raman Spectroscopy"
2012	Mathieu Bauchy	Université Pierre et Marie Curie	"Topological Constraints and Rigidity of Network Glasses from Molecular Dynamics Simulations"
2011	Randilynn Christensen	Iowa State University	"The Mixed Glassformer Effect in Sodium Borophosphate Glass"
2010	Morten M. Smedskjaer	Aalborg University, Denmark	"Inward Diffusion of Modifying Ions in Glasses and Glass-Ceramics"

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2009	Inseok Seo	Iowa State Univ	"Structure, composition and high ionic conductivity of xLi <sub>2</sub> S+GeS <sub>2</sub> (x=1, 2 and 3) thin film electrolytes grown by RF sputtering for solid state Li-ion batteries"
2008	Allison A. Wilhelm	Univ of Arizona	"New tellurium based infrared glasses for optical sensing applications"
2007	Youngsik Kim	Iowa State Univ	"Correlation between local structure and anomalous ionic conductivity increase in Li <sub>2</sub> S + GeS <sub>2</sub> + GeO <sub>2</sub> glasses"
2006	John C. Mauro	NYS College of Ceramics at Alfred	"A New Model of the Glass Transition"
2005	Ms. Clara Rivero	Univ of Central Florida	"TeO <sub>2</sub> - Based Glasses for Next Generation High Raman Gain Applications"
2004	Brad C. Tischendorf	Univ of Missouri Rolla	"Weather and Corrosion of Phosphate Glasses"
2003	Liping Huang	Univ of Michigan	"Amorphous-Amorphous Transition and Thermo-Mechanical Anomalies in Silica Glass"
2002	James Chan	University of California, Davis	"Refractive Changes in Glasses Modified by Femtosecond Laser Pulses"
2001	Henry G. Giesber, III	Clemson University	"The Synthesis and Structure of Rare Earth Doped Borates for Active & Nonlinear Optical Applications"
2000	Samuel D. Cozone	University of Missouri-Rolla	"Glass Microspheres for Medical Applications"
	Brad Tischendorf	Iowa State Univ	"A Comparison of Short and Intermediate Range Order in Zinc Polyphosphate Glasses"
1999	Pierre Hudon	McGill University	"The nature of phase separation in binary oxide systems"

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1998	No Award Given		
1997	John Ballato	Rutgers Univ.	"Sol-Gel Synthesis of Rare Earth Doped Halide Optical Materials for Photonic Applications"
1996	Anant K. Singh	Penn State	"Surface Chemistry and Structure of Silicon Oxycarbide Glasses"
1995	Kelly Simmons-Potter	Sandia National Laboratories	"Dynamics of Absorption Band Bleaching and Growth in Photosensitive 45% GEO <sub>2</sub> - 55% SiO <sub>2</sub> Films"
	Mr. Jie Li	Rutgers University	"Hydrogen Hyperfine EPR Spectra Associated with Weakly Bonded Hydrogen Molecules in Synthetic Silica Optical Fibers"
1994	Shahnaz Motakef	University of Arizona	"Novel Organic-Inorganic Hybrid Materials (Polycerams) for Optical Applications"
1993	Lin Zhang	Colorado State Univ	"Evidence for Two Classes of E' Spins in Vitreous SiO <sub>2</sub> "
1992	Eugenie V. Uhlmann	University of Arizona	"Glass Forming Ability in the Calcium Aluminate System"
1991	Joseph L. Keddie	Cornell University	"Microstructural and Chemical Evolution of TiO <sub>2</sub> Thin Films; Effects of Heating Rate"