



# International Symposium on “Young Researcher Global Leader Training Program” Shizuoka University

**Date** **October 7(Thu) and 8(Fri), 2010**

**Venue** Sanaru Hall, Hamamatsu Campus

## October 7(Thu), 2010

9:00	Opening Remarks	Yukihiro Itoh	President
9:10	Invited Lecture	Andrei Rode	Australian National University, Australia
9:55		Trapping And Transport of Particles In Air With Optical Vortices	
		Vygantas Mizeikis	Associate professor (tenure track)
		Tailoring of optical materials via optical micro- and nano-structuring	
10:40	Break		
11:00		Shin Usuki	Assistant professor (tenure track)
		Improvement in resolving power using structured illumination and multiple image reconstruction	
11:45		Wataru Inami	Assistant professor (tenure track)
		Development Of Electron-beam Excitation Assisted Optical Microscope	
12:30	Lunch		
13:30	Invited Lecture	Edgar Cahoon	University of Nebraska-Lincoln, U.S.A
		A Designer Oilseed Crop for Metabolic Engineering of Improved Biofuels and Biolubricants	
14:15		Koichiro Awai	Assistant professor (tenure track)
		Functional analysis of lipids in the photosynthetic membranes	
15:00		Tokumasa Horiike	Assistant professor (tenure track)
		Development of new method for constructing ortholog dataset	
15:45	Break		
16:05	Invited Lecture	Takashi Aoyama	Kyoto University
		Regulatory Mechanism for Shaping Plant Cells	
16:50		Toshiyuki Ohnishi	Assistant professor (tenure track)
		Chemical and biochemical characterization of Plant terpenoids in plant defence mechanism	
18:00	Banquet		

## October 8(Fri), 2010

9:00	Invited Lecture	Anish Arora	The Ohio State University, U.S.A
		Energy Efficiency in Low Power Wireless Sensor Networks	
9:45		Tomoya Kitani	Assistant professor (tenure track)
		Designing Communication Protocols for Vehicular Ad hoc Networks	
10:30	Break		
10:50	Invited Lecture	Toshiharu Saiki	Keio University
		Nano-imaging spectroscopy of semiconductor quantum structures	
11:35		Atsushi Ono	Assistant professor (tenure track)
		Nanoplasmonics: Imaging, Focusing, and Sensing	
12:20	Lunch		
13:20	Invited Lecture	Saulius Juodkazis	Swinburne University of Technology, Australia
		Material processing by ultra-short laser pulses	
14:05		Tetsu Ito	Assistant professor (tenure track)
		Optical properties of semiconductors investigated through measurement of magneto-optical effect in quantum structures	
14:50		Desheng Fu	Associate professor (tenure track)
		Colossal effects in multifunctional ferroelectric oxides	
15:35	Closing Remarks	Taichi Usui	Trustee



Organized by **Division of Global Research Leaders, Shizuoka University**

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