

Award-Winners of LPM2005

The LPM2005 Outstanding Oral Paper Award

Session: Laser Nanofabrication

“F₂-laser Nanostructuring of Colloidal Photonic Crystals”

Dr. Jianzhao Li ¹⁾, Prof. Peter R. Herman ¹⁾,

Prof. Vladimir Kitaev ²⁾, Prof. Geoffrey A. Ozin ¹⁾

¹⁾ University of Toronto, Canada; ²⁾ Wilfrid Laurier University, Canada
(Paper #070)

Session: Photochemistry 3

“Laser ablation of liquids using ns-pulsed UV lasers at a high repetition rate: application into surface micro-structuring of silica glass by laser-induced backside wet etching”

Dr. Hiroyuki Niino, Dr. Yoshizo Kawaguchi,

Dr. Tadatake Sato, Dr. Aiko Narazaki, Dr. Ryoza Kurosaki

AIST- National Institute of Advanced Industrial Science and Technology, Japan
(Paper #039)

The LPM2005 Student Paper Award (Oral)

Session: Photochemistry 1

***“Mechanisms of Molecular Transport in Matrix-Assisted Laser Evaporation (MAPLE):
Computer Modeling and Experiments”***

Ms. Elodie Leveugle

University of Virginia, USA
(Paper #060)

Session: Photochemistry 2

“Ultrafast Pulse-train Machining of Dielectrics”

Mr. Ihtesham H. Chowdhury

Purdue University, USA
(Paper #031)

The LPM2005 Outstanding Poster Paper Award

Session : Poster 2

***“Development of a New Laser Material Processing Technique
Using Digitally-Scripted Genotype Sequencing
and Electro-Optic Pulse Modulation”***

Dr. Frank E. Livingston, Dr. Henry Helvajian

The Aerospace Corporation, USA
(Paper #098)

The LPM2005 Student Paper Award (Poster)

Session: Poster 3

“Mechanisms and Kinetics of Melting at Strong Laser-Induced Overheating”

Mr. Carlos A. Sevilla

University of Virginia, USA
(Paper #061)