



Seak-Joon Lee

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Personal Detail

Date of Birth: 9, Jan. 1970

Nationality: Korean, born in Seoul, Korea

Professional Experience

ITI, Korea 2009-Present

CEO & Director of R&D Center

Manages wafer(SiC, TSV*, GaN, Sapphire, μ LED, μ OLED, ...) laser slicing/dicing project,
Chinese laser projects, UTG*, TGV*, Battery manufacturing equipment.

INHA College, Mechanical Engineering, Korea 2010-2015

Adjunct Professor

Teaching laser material process and design mech. systems in automobile engineering

KYONGGI INSTITUTE OF TECHNOLOGY, Automobile Engineering Korea 2007-2009

Adjunct Professor

Teaching laser material process and design mech. systems in automobile engineering

YTS, Korea 2007-2009

Director of R&D Center

2006-2007

Managed new laser/Display biz, R&D such as LG, SAMSUNG, China and Taiwan

★ Laser Film Cutter, Laser Marker

ESSELTECH, Korea 2000-2007

Director of R&D Center

2006-2007

Chief Research Engineer

2000-2005

Managed new biz, R&D and marketing. Developed new systems into mass-production lines of
major semiconductor, FPD, automobile, electric and industrial firms such as LG, SAMSUNG,
POSCO, HYUNDAI motors, HYNICS, CEC of Korea, China and Taiwan

★ Laser Cutter, Laser Micro Processing system, Laser Marker



LG INDUSTRIAL SYSTEM, Korea

1996-2000

Senior Research Engineer

Developed various laser application systems for various world users and government.

- * Laser Marker, Laser Welder, Laser Display
- * Laser Dental System(for soft tissue)
- * DPSS UV/Green/IR Laser Systems (5W~50w)

Prize

Korean President Prize for High Achievement of Electrical Industry

October 2017

Education and Professional Training

Ph.D., laser cutting, Moscow State University of Instrument Engineer & Sciences	May 2005
M.S., laser material processing, BAUMAN Moscow State Technical University	May 1996
B.E., Mechanical Engineering, Han-Yang University, Seoul, Korea	Feb 1993
Management and Strategies of Marketing, KIKA	Sep 2001
International Business and Trade Practices, KSMP	Aug 1998

Professional Affiliations

- * Korean Society of Laser Processing (KSLP)
- * Optical Society of Korea (OSK)
- * Association for Director of R&D Center (ADR)
- * Korea Semiconductor Industry Association (KSIA)
- * Korea Display Equipment Material Industry Association (KODEMIA)

14 Patents registered & 2 Technical books

- * 14 Patents of Laser, Laser Applications, Laser equipments
- * 2 text books of technical university