



Dr. Seak-Joon Lee
ITI, Korea

Personal Detail

Date of Birth: 9, Jan. 1970, Nationality: Korean, born in Seoul, Korea

Professional Experience

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| ITI, CEO & Director of R&D Center, Korea | 2009-Present |
| <ul style="list-style-type: none"> ● COOL Cut® equipment biz and part biz for wafer(SiC, TSV*, Si, GaN, GaAs, Sapphire, μLED, μOLED, ...) and glass(UTG, chemically strengthened glass) ● COOL Forming™ equipment biz and part biz for drilling glass(TGV)/ceramic(TCV) substrate of semiconductor packaging ● Battery manufacturing equipment biz and various laser application equipment biz | |
| INHA College, Adjunct Professor of Mechanical Eng. Korea | 2010-2015 |
| KYONGGI Institute, Adj. Professor, Automobile Eng. Korea | 2007-2009 |
| <ul style="list-style-type: none"> ● Teaching laser material process and design mech. systems in automobile engineering | |
| ESSELTECH, Director of R&D Center, Korea | 2001-2007 |
| <ul style="list-style-type: none"> ● Managed new biz, R&D and marketing. developed laser cutter/micro processing system/marker for semiconductor, FPD, automobile, such as LG Siltron, LG, SAMSUNG, POSCO, HYUNDAI motors, HYNICS, CEC, global FPD/semiconductor makers | |
| LG INDUSTRIAL SYSTEM, Senior Research Engineer, Korea | 1996-2001 |
| <ul style="list-style-type: none"> ● Laser semiconductor marking system for LG semiconductor ● Developed various laser application systems and optics and scanners for various world users ● Laser dental system(for soft tissue) ● DPSS uv/green/IR laser systems (5W~50w), IR pulse laser(1J, 200W) | |

Prize

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| ● Korean president prize for high achievement of electrical industry | October 2017 |
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Education

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| ● Ph.D., laser cutting, MSEI | 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 |

Association

- Korean society of laser processing (KSLP)
- Optical society of korea (OSK)
- Korea semiconductor industry association (KSIA)
- Korea display equipment material industry association (KODEMIA)

20 Patents registered & 2 Technical books

- 20 patents of laser, laser applications, laser equipments
- 2 text books of technical university