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Organized by
- Applied Physics Division, The Korean Physical Society
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- Korean Epitaxy Society
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Investigation of attenuation properties of cryogenic metal powder filters depending on the preparation methods
Sung Hoon Lee*, Soon-Gil Lee**
(*Institute for Basic Science, **Korea University)

Po-Na17-003
Characterization of free-standing nano-membranes using ellipsometry
Sungmo Park, Changho Lee, Min-Su Kim, Jin-Goo Park, Jin-ho Ahn, Ilsein An
(Hanyang University)

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Sol–gel derived ZnO thin films for white solid-state lighting
Munender Kumar, Si-Hyun Park
(Youngnam University)

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A Study on Dielectric Functions of Bi1.85Sb0.15Te3 by Spectroscopic Ellipsometry from 28 to 300 K
(Kyung Hee University, **Seogang University)

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Preparations and Luminescent Properties of Bragg Stack Porous Silicon Nanowires
Daeyoon Jung, Hanglee Sohn
(Chonbuk University)

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Effect of E-glass fiber on the ethanol sensing characteristics of LaFeO3 nanoparticle-based thick film sensors
Ensi Cao**, Yuqing Yang**, Yongxia Zhang**, Nguyen Hua Hong*
(*Seoul National University, **Seogang University of Technology)

Po-Na17-008
Nanoscale optical characteristics of the hybrids of MoS2 and CaPbBr3 perovskite quantum dots and application to optoelectronic devices
Taeho Noh*, Jeongyong Kim**, Xuechung Tang**, Kwangsuu Lee***, Jinsoo Jang*
(*Korea University, **Sungkyunkwan University, ***Hannam University)

Po-Na17-009
Ellipsometric study on dielectric function of GaAsSb alloy films
Tae Jung Kim*, Han Gyeol Park*, Van Long Le*, Hoang Tung Nguyen*, Daehyung Kim*, Jin Dong Song**, David E. Aspnes***, Young Dong Kim*
(Kyung Hee University, **Korea Institute of Science and Technology, ***North Carolina State University)

Po-Na17-010
Gate-tunable silicon oxide memory based on vertically integrated graphene barrier
Jaewon Cho*, Nann-Dong Kim**, Gun-Ki Wang*
(*Korea University, **Korea Institute of Science and Technology)

Po-Na17-011
Manufacturing and characterization of polymeric acid/halloysite nanotube composites with improved thermal properties
Ea-Ram Lee*, Si-Hoon Jang*, Hyeun Woo Kim**, No-Hyung Park*
(*Korea Institute of Industrial Technology, **Hanyang University)

Po-Na17-012
Photoresponsive characteristics and field-effect transistors of the hybrids of organic semiconducting rubrene and perovskite CaPbBr3 quantum dots
Jungwon Yoon*, Jeongyong Kim**, Xuechung Tang**, Kwangsuu Lee***, Jinsoo Jang*
(Korea University, **Sungkyunkwan University, ***Hannam University)

Po-Na17-013
Piezopotential-Programmed Multi-Level Nonvolatile Memory as Triggered by Mechanical Stimuli
Eun Sun
(Beijing Institute of Nanoenergy and Nanosystems, CAS)

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Zero-bias Conductance Peak in InAs Nanowire Contacted with Superconducting Nanoelectodes
Nam-Ho Kim*, Yun-Sok Shin**, Hong-Seok Kim*, Jin-Dong Song***, Yong-Joo Lee*
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