Program

<table>
<thead>
<tr>
<th>시간</th>
<th>프로그램</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:30~09:30</td>
<td>등록 / 샌드위치 커피 제공</td>
</tr>
<tr>
<td>09:30~09:55</td>
<td>Nanocrystal Based Electronic Devices and Wearable Sensors</td>
</tr>
<tr>
<td>09:55~10:20</td>
<td>Biomimetic Structures for Sensor Applications</td>
</tr>
<tr>
<td>10:20~10:55</td>
<td>Gels &amp; their Applications</td>
</tr>
<tr>
<td>10:55~11:10</td>
<td>Solution-Processed Metal/Metal Oxide Electrode Fabrication by Laser Direct Imaging</td>
</tr>
<tr>
<td>11:10~11:35</td>
<td>Efforts in OLED Research - from Engineering for Efficiency Enhancement to Search for New Applications</td>
</tr>
<tr>
<td>11:35~11:40</td>
<td>Opening Remark 및 연사 소개</td>
</tr>
<tr>
<td>11:40~12:20</td>
<td>Plenary Session : IMP Technologies in BioNano Health Guard Research</td>
</tr>
<tr>
<td>12:20~13:30</td>
<td>Plenary Session : 3D Printing</td>
</tr>
<tr>
<td>13:30~13:55</td>
<td>Recent Progress in Hyperlens Imaging</td>
</tr>
<tr>
<td>13:55~14:20</td>
<td>Self Assembly of Nanoparticles and their Imprint into Various Hierarchical Structures</td>
</tr>
<tr>
<td>14:20~15:00</td>
<td>Keynote Session : 3D Printing 기술의 산업적 이용</td>
</tr>
<tr>
<td>15:00~16:00</td>
<td>Posters Session / Coffee Break</td>
</tr>
<tr>
<td>16:00~16:25</td>
<td>3D Hybrid Bioprinting and its Application</td>
</tr>
<tr>
<td>16:25~16:50</td>
<td>DED 방식 금속 3D 프린팅 및 모나이트 기준 DED Metal 3D Printing &amp;Monitoring Technology</td>
</tr>
<tr>
<td>16:50~17:15</td>
<td>Fabrication of Arrangement Controlled Nanostructures of Metal Oxides by Using Nanoprint Lithography and Bottom-up Growth</td>
</tr>
<tr>
<td>17:15~17:40</td>
<td>Top-Down Physical Synthesis of Plasmonic Nanoprobes</td>
</tr>
<tr>
<td>17:40~18:00</td>
<td>우수 포스터 시상식 및 패배식</td>
</tr>
<tr>
<td>18:00~20:00</td>
<td>만찬</td>
</tr>
</tbody>
</table>

※ 프로그램은 상황에 따라 변동될 수 있습니다.
nano-Imprint

Application on nano Manufacturing

017 All-solution, all-nanocrystal based double-sided wearable temperature sensors for effective strain decoupling
Hyungmok Jo, Woo Seok Lee, Seung-woo Lee, Haeun Kim, Min Su Kang, Mingi Seoung, Soong Ju Oh(Korea University)

053 Numerical investigation of the droplet condensation with adaptive fraction control of microchannel and moth-eye structure
Jonghyun Kim, Joon Sang Lee(Yonsei University)

018 High sensitive strain sensor based on Ag nanocrystal using a novel ligand-exchange strategy
Seung-woo Lee, Hyungmok Jo, Hongjoon Lee, Seong Ju Oh(Korea University)

061 Electrostatic Adsorption of Vanadium (III) Fluoride on Carbon Black for Lithium Ion Battery Application
Jae-won Kim, Gyeong Ju, Hongjoon Kim, Seungho Baek, Heon Lee(Korea University)

028 High-transparent, Conductive and Flexible Electrodyes with Chemically Treated Ag Nanocrystals
Min Su Kang, Hyungmok Jo, Seung-woo Lee, Haeun Kim, Min Su Kang, Haeun Kim, Seungho Baek, Heon Lee(Korea University)

027 Metamaterials based on Ag-Au-Ni metal nanocrystal fabrication
Hyun-Woo Yoon, Soo-Jung Kim(Korea University), Mi-Hyun Kim, Sung-Hoon Hwang(BTR)

026 Shape-Controlled Synthesis and Self-Assembly of Highly Uniform Erbium andytterbium Doped Calcium Fluoride Upconverting Nanocrystals
Min Hye Kim, Hongwoo Yoon, Gyeongju Na, Taewoong Park(Yonsei University), Jungsook Cho(Korea University)

041 Shape-Controlled Synthesis of Colloidal Cu and Cu-InP Nanocrystals
Ho Young Woon, Chan Hee Park, Donguk Lee, Min Hye Kim, Taewoong Park(Yonsei University)

035 Tunable full color generation and cryptography using metasurface
Jaebyung Jeong, Hyunyoung Jeong, Jinseok Rho(Pohang University of Science and Technology)

047 Fabrication of nano-to-microscale structures using CrOx nanoparticles and UV Nanoimprint lithography
Pil-hoon Jung, Young Hoon Sung, Soo-Jung Kim, Seungho Beck, and Heon Lee(Korea University)

003 Air-O2 TFF Fabrication using Advanced Imprint Lithography
Hyung Tae Kim, Sung Jin Kim, Hie Nam Chae, Sang Min Cho(Sungkyunkwan University)

009 Solution-processed patterning of arbitrary-shape flexible nickel electrodes by laser direct writing
Min Su Kang, Hyungmok Joh, Seung-Wook Lee, Haneun Kim, Min Su Kang, Mingi Seoung, Soong Ju Oh(Korea University)

050 급성 심근 경색 화이트매커니즘에 의한 T의 비버지 감지의 SPOT 센서 설계에 관한 연구
안완규, 전용호, 강대훈(Yonsei University)

059 가시광선과 광합성 전류 추출을 위한 틸라코이드 EHD printing
신혜인, 서일호, 류원형(Yonsei University)

096 나노임프린트공정을 이용한 친환경의 나노시계 지능
환경GIT단단(한국신대교외기술기, 한국기계연구원, 창의학(한국기계연구원), 정상희(한국기계연구원), 임주영, 이재중
(과학기술자문단센터, 한국기계연구원)

001 Application on nano Manufacturing: 이석재(나노종합기술원)

Committee Member

001 Chairman:

009 부문 대표

013 Committee

034 Program Committee

040 Program Committee

051 Program Committee

055 Program Committee

053 Program Committee

058 Program Committee

060 Program Committee

063 Program Committee

061 Program Committee

064 Program Committee

065 Program Committee

066 Program Committee

067 Program Committee

068 Program Committee

069 Program Committee

070 Program Committee