



2020 VIRTUAL
MRS[®] SPRING/FALL
MEETING & EXHIBIT
November 27 – December 4, 2020

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2020 VIRTUAL **MRS**[®] SPRING/FALL
MEETING & EXHIBIT

Symposium S.EL02

**Advanced Manufacturing
of Mixed Dimensional
Heterostructures**



Agenda

SESSION1: 11/29/2020 12:30 pm – 2:30 pm SESSION

Chairs/moderator : Jeehwan Kim / Kyusang Lee

Title

- 12:30-12:35 pm : **Introduction & sponsor acknowledgement**
- 12:36-12:56 (Invited talk) 3315560, **Hersam, Mark**, Mixed-Dimensional Heterostructures for Electronic and Energy Applications
- 12:57-1:17 (Invited talk) 3341925, **Cui, Yi**, Two-Dimensional Materials for Energy
- 1:18-1:38 (Invited talk) 3341634, **Abdallah Ougazzaden**, Epitaxial Growth of 2D and 3D Materials
- 1:39-1:46 (lightning talk) 3330473, **Sundaram, Suresh**, One Dimensional GaN Based Nano-Optoelectronic Device Structures on Layered h-BN Grown by MOVPE
- **4 MINUTE BREAK**
- 1:50-1:57 (lightning talk) 3327333, **Sahoo, Anindita**, Vertically Stacked 0D/2D Materials Based Hybrid Infrared Phototransistor
- 1:58-2:21 (Invited talk) 3333663, **Jinkyong Yoo**, Nucleation Control in van der Waals and Remote Epitaxy
- 2:22-2:30 Organizer Summarizes

Sponsor of Session

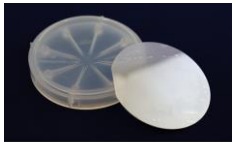


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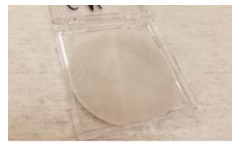
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2D-GaN Template



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GaN
Sapphire

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